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Environmental Assessment

Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure

Indian River Shores 2

Fred R. Tuerk Drive
Indian River Shores, Indian River
County, Florida

ECA Project No. S0910



SUBMITTED TO:

Datapath Tower, LLC
PO Box 66478
St. Pete Beach, FL 33736

PREPARED BY:

Environmental Corporation of America
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004



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November 17, 2016

Datapath Tower, LLC
PO Box 66478
St. Pete Beach, FL 33736

Attention: Mr. Bill Tinsley

Subject: Environmental Assessment
TCNS ID #141226
Proposed 115-Foot Tall Overall Height Monopine Telecommunications
Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910

Dear Mr. Tinsley:

Environmental Corporation of America (ECA) is pleased to provide this Environmental Assessment report for the proposed Datapath Tower telecommunications facility in Indian River Shores, Indian River County, Florida. The federal undertaking includes construction of a 115-foot tall (overall height) monopine telecommunications structure within a 50-foot by 50-foot lease area with a proposed approximate 438-foot long by 15-foot wide access/utility easement, and a proposed 158-foot long by 5 foot-wide utility easement.

A review of environmental and cultural resource issues revealed that the subject facility would be located in a federally designated Special Flood Hazard Area of the 100-year floodplain, Zone AE. Zone AE consists of areas within the 100-year floodplain where the base flood elevation (BFE) has been determined. No other FCC National Environmental Policy Act (NEPA) issues have been identified in connection with the subject facility.

Based on our professional opinion, no significant adverse environmental impacts would occur as a result of the undertaking (the construction and operation of the facility). We base our opinion on the following:

- The City of Indian River Shores, Florida is a National Flood Insurance Program participating community. The City of Indian River Shores requires that buildings within a Zone AE Special Flood Hazard Area be constructed at or above the BFE. The FCC

requires that buildings within a Zone AE Special Flood Hazard Area be constructed at least one (1) foot above the BFE. According to the appropriate FEMA FIRM Panel, the BFE at the subject site is 6 feet above mean sea level (AMSL). Therefore, proposed equipment for the subject telecommunications facility would be built with a finished floor elevation at or above 7 feet AMSL or at least one (1) foot above BFE. In our opinion, we find no adverse effect to federal floodplains.

Our finding is subject to review by the Federal Communications Commission (FCC). Upon review, the FCC will issue its finding. This finding will consist of an official agency position regarding environmental consequences of the undertaking.

We appreciate this opportunity to provide you with these professional services. If you have any questions regarding this report or the project in general, please call.

Sincerely yours,
Environmental Corporation of America



Eric Wayson
Staff Scientist



Eric Johnson
Principal Scientist

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1.0 INTRODUCTION

Datapath has proposed to construct a telecommunications facility at the subject site. The subject facility would consist of a 115-foot tall monopine telecommunications structure (overall height) and associated ground-level equipment.

A review of environmental and cultural resource issues revealed that the proposed facility would be located in a federally designated Special Flood Hazard Area of the 100-year floodplain, Zone AE. Zone AE consists of areas within the 100-year floodplain where the base flood elevation (BFE) has been determined.

No other FCC National Environmental Policy Act (NEPA) issues have been identified in connection with the subject facility.

In accordance with 47 CFR, Section 1.1307, et. seq., this environmental assessment has been prepared to address environmental effects associated with the construction and operation of the subject facility.

1.1 Site Location

The subject site is located at Fred Tuerk Drive, Indian River Shores, Indian River County, Florida as shown on Figure 1 of Appendix A. The subject site is located on a parent tract occupied by a fire station and a water tower. Surrounding properties consist of residential and municipal developments.

1.2 Site Description

The subject site is occupied by paved, wooded, and grassed areas. The nearest intersection is Fred Tuerk Road and Highway A1A, located approximately 500 feet southeast of the proposed tower center. A site plan of the subject facility is included on the survey in Appendix A.

2.0 SITE INFORMATION

2.1 Zoning

The parcel is zoned (MUNI) for municipal use. Datapath has applied for a Building Permit from the City of Indian River Shores, Florida. The City of Indian River Shores has not yet granted a Building Permit for the proposed facility; however, it is expected to be issued in the following weeks. The Building Permit will be forwarded to the FCC upon receipt.

2.2 Local Community

The Applicant is not aware of any concerns regarding environmental effects of the project area that have been expressed by planning or zoning officials or members of the local community,

other than the acknowledgement that the facility is located in a 100-year floodplain. The Applicant does not consider this acknowledgement as opposition.

2.3 Site Selection and Alternative Considered

The selection of wireless telecommunications facilities is based primarily on the established grid within a specific service area. Within the service area, antenna structures have been previously constructed at specific nodes. As such, there is limited flexibility when selecting the exact locations of new facilities to allow for factors such as acceptable coverage, available sites, and sites which are environmentally sensitive.

A number of possible candidate sites were evaluated and considered for acquisition to meet the carrier's radio frequency (RF) coverage objective. The factors considered included RF coverage objectives, existing land use considerations, environmentally sensitive sites, and the willingness of individual land owners to enter into a contract for sale or lease of a suitable parcel of real estate for construction of the subject facility. Based on these considerations, the subject property located at Fred Tuerk Drive was selected as the preferred location.

During the analysis of the various candidates discussed in the preceding paragraph, it was discovered that the proposed facility is located in a 100-year floodplain. This determination was made using the appropriate Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Map Panel, 12061C0253H, dated December 4, 2012 (see Appendix B).

3.0 ENVIRONMENTAL ISSUES

In accordance with 47 CFR, Section 1.1307, the following issues must be addressed in an Environmental Assessment. Included in these regulations is the requirement to investigate each of the following items and provide a determination as to whether significant environmental impacts or effects are likely.

3.1 Wilderness Areas

The USGS Topographic Maps, 7.5 Minute Series, Riomar, FL (1948, photorevised 1983, minor revision 1992) and the National Map Viewer indicate the project area is not located within an officially designated wildlife preserve.

3.2 Wildlife Preserves

The USGS Topographic Maps, 7.5 Minute Series, Riomar, FL (1948, photorevised 1983, minor revision 1992) and the National Map Viewer indicate the project area is not located within an officially designated wildlife preserve.

3.3 Listed Threatened and Endangered Species and Critical Habitat

The South Florida Ecological Services Office of the US Fish and Wildlife Services (USFWS) has requested that they not be sent documentation for communication tower projects where certain criteria have been met. Specifically, if the proposed tower is a lattice or monopole design; the proposed tower is less than 200 feet in total height; the proposed tower structure does not contain guy-wires; the proposed tower is located in urbanized or developed areas or other areas that do not provide potential habitat for federally listed species; the proposed tower structure is located at least 1,500 feet from any documented nest of the bald eagle; and the proposed tower structure is located at least 1 mile from any known active nesting colony of the endangered wood stork or wading bird nest colony, the USFWS has determined that projects that meet these criteria are not likely to adversely affect federally listed species or have significant adverse impacts on migratory birds. ECA completed an Informal Biological Assessment (IBA) for the proposed project and found that the project would have no effect on federally listed threatened or endangered species or designated critical habitat. The IBA is included in Appendix D.

3.4 Proposed Threatened or Endangered Species and Proposed Critical Habitat

Based on the information reviewed, there are no proposed threatened or endangered species listed as occurring in Indian River County, Florida, or proposed critical habitats within the area of the subject site. It is our opinion that the undertaking would not jeopardize the continued existence of proposed threatened or endangered species or result in the destruction or adverse modification of proposed critical habitat.

3.5 Migratory Birds

Collocation of antennas would not be feasible and a new tower must be constructed to meet the carrier's coverage objectives. The project area and proposed tower structure appears to be located near one of the principal North American migratory bird migration routes. However, the proposed structure would not exceed the height of 115 feet and guy wires would not be used. Based upon the design, no significant impact to migratory birds is anticipated.

3.6 Sites of Historic and Archeological Significance

The New Tower Submission Packet (FCC Form 620), Section 106 Review documentation was prepared for the proposed undertaking. The Section 106 Review documentation found that the proposed facility would have no effect on any Historic Properties (as described in the March 7, 2005 NPA). The Section 106 Review documentation was submitted to the Florida Division of Historical Resources on August 11, 2016. The Florida Division of Historical Resources responded in a letter dated September 16, 2016 concurring with our finding of "No Effect" for the proposed undertaking (See Appendix E).

3.7 Indian Religious Sites

ECA identified five federally recognized tribes that may attach religious and cultural significance to Historic Properties within the area of the proposed undertaking. ECA initially contacted the FCC utilizing the Tower Construction Notification System (TCNS) on July 19, 2016 (TCNS ID 141226). Each interested tribe received initial notification from the FCC by July 22, 2016. All Native American Tribes that have expressed interest within this area have concurred with the project or expressed no further interest. Documentation of our tribal consultation is included in Appendix F.

3.8 Floodplains

According to the FEMA FIRM Community panel 12061C0253H, dated December 4, 2012, the subject facility is located within a Special Flood Hazard Area of the 100-year floodplain, Zone AE. Zone AE consists of areas within the 100-year floodplain where the BFE has been determined. See Appendix B for documentation.

The subject facility would be located in the jurisdiction of the Town of Indian River Shores, Florida, a National Flood Insurance Program participating community. The FCC requires that buildings within a Zone AE Special Flood Hazard Area be constructed at least one (1) foot above the BFE. The Town of Indian River Shores requires that buildings within a Zone AE Special Flood Hazard Area be constructed at or above the BFE. The BFE at the subject site is 6 feet AMSL. Therefore, finished floor elevations of equipment within the proposed facility would be built with a finished floor elevation at or above 7 feet AMSL or at least one (1) foot above BFE, thereby meeting the Town of Indian River Shores requirements and Federal standards. Datapath Tower, LLC has submitted an application for a Building Permit. The City of Indian River Shores has not yet granted a Building Permit for the proposed facility; however, it is expected to be issued in the following weeks. The Building Permit will be forwarded to the FCC upon receipt.

3.9 Surface Features

Based on the wetlands map obtained from the online National Wetlands Inventory database of the USFWS (Appendix C) and our site observations, jurisdictional waters or wetlands are not located within the boundaries of the proposed impact area.

3.10 High Intensity Lighting

High Intensity White Lights would not be deployed in conjunction with the undertaking.

3.11 Radio Frequency Radiation

For RF Exposure assessment, ECA has relied solely on the project RF Engineers to determine that antennas located at the facility would result in RF exposures levels which fall within the

FCC categorical exclusions and are not subject to routine environmental evaluation under Section 1.1307(b) of the Commission's rules.

3.12 Environmental Notification Process

We understand that the National Notice and Environmental Assessment would be posted for public review to allow the public comment period to run concurrently. The environmental notification rules, pursuant to 47 CFR 17.4, require the FCC to issue a Finding of No Significant Impact (FONSI) before an ASR number would be issued to the applicant. ECA has found no evidence that the proposed undertaking would have significant impacts to the environment. Prior to construction, the Environmental Notification Process must be completed, pursuant to 47 CFR 17.4, and a FONSI granted by the FCC.

4.0 FINDINGS, ISSUES, AND RECOMMENDATIONS

Federal Floodplains

Findings: According to the FEMA FIRM Community panel 12061C0253H, dated December 4, 2012, the subject facility would be located within a Special Flood Hazard Area of the 100-year floodplain, Zone AE. Zone AE consists of areas within the 100-year floodplain where average depths are between one and three feet and the BFE has been determined. The FCC requires that buildings within a Zone AE Special Flood Hazard Area be constructed at least one (1) foot above the BFE. The Town of Indian River Shores requires that buildings within a Zone AE Special Flood Hazard Area be constructed at or above the BFE. According to the appropriate FEMA FIRM Panel, the BFE at the subject site is 6 feet above mean sea level (AMSL). Therefore, the finished floor elevations of equipment within the proposed facility would be at or above 7 feet AMSL or at least one (1) foot above the BFE.

Issues: According to the FCC Environmental Rules, an Environmental Assessment must be prepared for facilities that are located within a Special Flood Hazard Area of the 100-year floodplain. FCC guidelines specify that avoiding adverse effects to floodplains may be accomplished by complying with local flood protection and building code ordinances within National Flood Insurance Program participating communities/jurisdictions.

Recommendation: The equipment for the proposed undertaking will be installed with a finished floor elevation at or above 7 feet AMSL or at least one (1) foot above the BFE. Datapath Tower, LLC has submitted an application for a Building Permit. The Town of Indian River Shores has not yet granted a Building Permit for the proposed facility; however, it is expected to be issued in the following weeks. The building permit will be forwarded to the FCC when received. In our opinion, we find no material impact to the

flood storage capacity of the 100-year floodplain. Therefore, we recommend that a finding of no significant impact (FONSI) be issued by the FCC relative to floodplains.

Other Items contained in 41 CFR 1.1307

Finding: No other findings of environmental significance were identified.

Issue: No further issues were identified.

Recommendation: No further action is recommended.

5.0 SUMMARY

In summary, it is our opinion that no adverse environmental impacts or effects would result from the proposed undertaking. We seek Commission concurrence with this finding.

6.0 LIMITATIONS

This Environmental Assessment was conducted in accordance with generally accepted practices of the profession for such studies, conducted during the same time period and in the geographical area as this study. Environmental Corporation of America has exercised the same degree of care and skill generally exercised by environmental professionals under similar circumstances and conditions. No other warranty is expressed or implied.

The observations, opinions and conclusions presented are not scientific certainties, but are solely opinions based upon the information available to us and our professional judgment based upon that information. The services provided herein are in no way intended to be legal advice and should not be relied upon in any way for legal interpretations.

APPENDIX A

Figures



Source: USGS Topographic Maps, 7.5 Minute Series, Vero Beach, FL (1949, photorevised 1983) and Riomar, FL (1948, photorevised 1983, minor revision 1992).

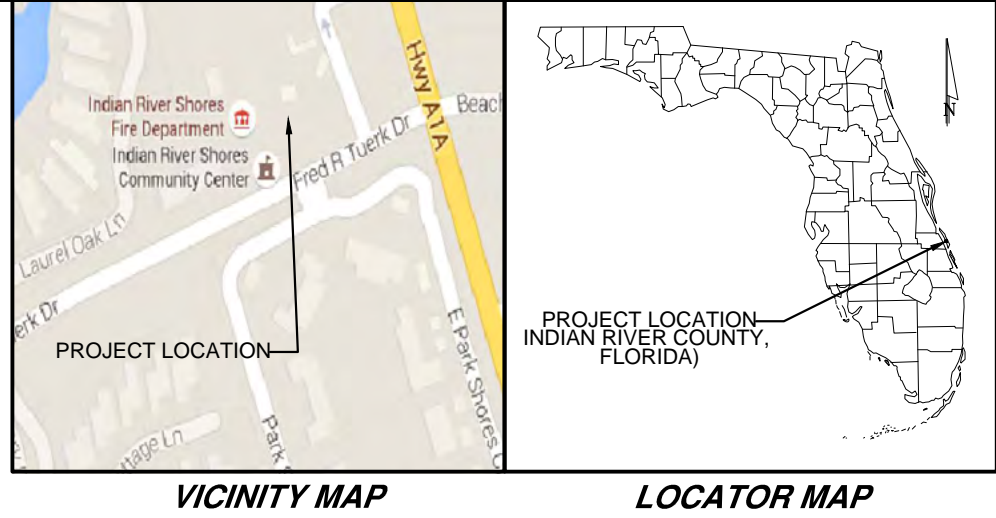
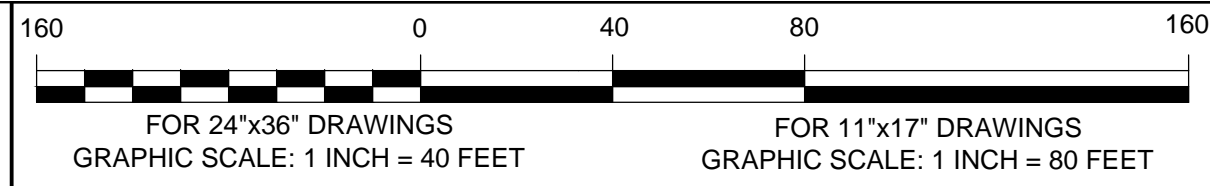


Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida
 Figure 1: Site Location Plan



ECA Proj. # S0910

SECTION 18, TOWNSHIP 32 SOUTH, RANGE 40 EAST,
INDIAN RIVER COUNTY, FLORIDA



ASSUMED NORTH

DESCRIPTION: PARENT TRACT (AS SHOWN IN PLAT BOOK 5, PAGE 22 (INDIAN RIVER COUNTY, FLORIDA)(AS PROVIDED BY CLIENT).

SURVEYOR'S DESCRIPTION

LOTS 1 THRU 3 INCLUSIVE IN FRED R. TUERK MUNICIPAL CENTER, AS THE SAME IS RECORDED IN PLAT BOOK 5, PAGE 22, OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA, TOGETHER WITH A 60' ROAD RIGHT OF WAY OF SAID PLAT.

DESCRIPTION: PROPOSED 50'X50' TOWER PARCEL:

A PARCEL OF LAND LYING IN GOVERNMENT SECTION 18, TOWNSHIP 32 SOUTH, RANGE 40 EAST BEING A PORTION OF FRED R. TUERK MUNICIPAL CENTER DESCRIBED IN PLAT BOOK 5, PAGE 22, OF THE OFFICIAL RECORDS OF INDIAN RIVER COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF TRACT 3 AS SHOWN IN MAP OR PLAT OF FRED R. TUERK MUNICIPAL CENTER, PLAT BOOK 5, PAGE 22 OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA; THENCE ALONG THE SOUTH LINE OF SAID PLAT, ALSO BEING THE NORTHERLY RIGHT OF WAY LINE OF FRED R. TUERK DRIVE N69°05'20"E, A DISTANCE OF 208.95 FEET; THENCE DEPARTING SAID SOUTH LINE OF PLAT AND NORTHERLY RIGHT OF WAY LINE RUN N20°43'23"W, A DISTANCE OF 226.76 FEET TO THE POINT OF BEGINNING OF A PROPOSED 50'X50' LEASE AREA; THENCE RUN N69°16'38"E, A DISTANCE OF 50.00 FEET; THENCE RUN N20°43'23"W, A DISTANCE OF 50.00 FEET; THENCE RUN S89°16'38"W, A DISTANCE OF 50.00 FEET; THENCE RUN S20°43'23"E, A DISTANCE OF 50.00 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINING +/- 2500.00 SQUARE FEET OR 0.06 ACRES MORE OR LESS.

DESCRIPTION: PROPOSED INGRESS/EGRESS, PARKING, AND UTILITY EASEMENT:

A PARCEL OF LAND LYING IN GOVERNMENT SECTION 18, TOWNSHIP 32 SOUTH, RANGE 40 EAST BEING A PORTION OF FRED R. TUERK MUNICIPAL CENTER DESCRIBED IN PLAT BOOK 5, PAGE 22, OF THE OFFICIAL RECORDS OF INDIAN RIVER COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF TRACT 3 AS SHOWN IN MAP OR PLAT OF FRED R. TUERK MUNICIPAL CENTER, PLAT BOOK 5, PAGE 22 OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA; THENCE ALONG THE SOUTH LINE OF SAID PLAT, ALSO BEING THE NORTHERLY RIGHT OF WAY LINE OF FRED R. TUERK DRIVE N69°05'20"E, A DISTANCE OF 213.66 FEET TO THE POINT OF BEGINNING; THENCE DEPARTING SAID SOUTH LINE OF PLAT AND NORTHERLY RIGHT OF WAY LINE RUN N27°07'38"W, A DISTANCE OF 35.03 FEET; THENCE RUN N11°41'30"W, A DISTANCE OF 56.04 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST; THENCE RUN ALONG THE OF OF SAID CURVE A DISTANCE OF 27.14' THROUGH A CENTRAL ANGLE OF 82°05'05" AND HAVING A RADIUS OF 18.95 FEET (CHORD BEARING N89°01'11"W AND A CHORD DISTANCE OF 24.88 FEET) TO A POINT OF TANGENCY; THENCE RUN S87°31'21"W, A DISTANCE OF 23.06 FEET; THENCE RUN S71°42'55"W, A DISTANCE OF 70.45 FEET; THENCE RUN N20°36'44"W, A DISTANCE OF 138.81 FEET; THENCE RUN N69°09'11"E, A DISTANCE OF 84.25 FEET; THENCE RUN N20°47'00"E, A DISTANCE OF 17.50 FEET; THENCE RUN N69°09'11"E, A DISTANCE OF 9.99 FEET TO THE WESTERLY LINE OF A PROPOSED 50'X50' LEASE AREA; THENCE ALONG SAID WESTERLY LINE S20°43'26"E, A DISTANCE OF 32.36 FEET; THENCE DEPARTING SAID WESTERLY LINE RUN S89°01'11"W, A DISTANCE OF 79.25 FEET; THENCE RUN S20°36'44"E, A DISTANCE OF 109.47 FEET; THENCE RUN N71°42'55"E, A DISTANCE OF 58.13 FEET; THENCE RUN N87°31'21"E, A DISTANCE OF 24.40 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST; THENCE RUN ALONG THE OF OF SAID CURVE A DISTANCE OF 49.85' THROUGH A CENTRAL ANGLE OF 84°08'22" AND HAVING A RADIUS OF 33.95 FEET (CHORD BEARING S55°19'53"E AND A CHORD DISTANCE OF 45.40 FEET) TO A POINT OF TANGENCY; THENCE RUN S11°24'23"E, A DISTANCE OF 52.81 FEET; THENCE RUN S20°07'38"E, A DISTANCE OF 35.04 TO THE AFORESAID SOUTH PLAT LINE AND NORTHERLY RIGHT OF WAY LINE; THENCE ALONG SAID LINE S69°05'20"W, A DISTANCE OF 15.00 TO THE POINT OF BEGINNING

SAID PARCEL CONTAINING +/- 6566.40 SQUARE FEET OR 0.15 ACRES MORE OR LESS.

DESCRIPTION: PROPOSED 5.0' WIDE UTILITY EASEMENT:

A PARCEL OF LAND LYING IN GOVERNMENT SECTION 18, TOWNSHIP 32 SOUTH, RANGE 40 EAST BEING A PORTION OF FRED R. TUERK MUNICIPAL CENTER DESCRIBED IN PLAT BOOK 5, PAGE 22, OF THE OFFICIAL RECORDS OF INDIAN RIVER COUNTY, FLORIDA, LYING 2.50 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCE AT THE SOUTHWEST CORNER OF TRACT 3 AS SHOWN IN MAP OR PLAT OF FRED R. TUERK MUNICIPAL CENTER, PLAT BOOK 5, PAGE 22 OF THE PUBLIC RECORDS OF INDIAN RIVER COUNTY, FLORIDA; THENCE ALONG THE SOUTH LINE OF SAID PLAT, ALSO BEING THE NORTHERLY RIGHT OF WAY LINE OF FRED R. TUERK DRIVE N69°05'20"E, A DISTANCE OF 95.97 FEET; THENCE DEPARTING SAID SOUTH LINE OF PLAT AND NORTHERLY RIGHT OF WAY LINE RUN N20°54'40"W, A DISTANCE OF 114.12 FEET TO THE POINT OF BEGINNING OF SAID CENTERLINE; THENCE RUN N69°35'08"E, A DISTANCE OF 14.82 FEET; THENCE RUN N20°54'40"W, A DISTANCE OF 137.88 FEET; THENCE RUN N69°09'11"E, A DISTANCE OF 5.06 FEET TO THE POINT OF TERMINUS WHICH LIES ON THE WESTERLY LINE OF A PROPOSED 15.0' WIDE INGRESS/EGRESS, PARKING AND UTILITY EASEMENT.

SAID PARCEL CONTAINING +/- 788.40 SQUARE FEET OR 0.02 ACRES MORE OR LESS.

SURVEYOR'S NOTES:

1) THIS IS A BOUNDARY AND TOPOGRAPHIC SURVEY OF THE PROPOSED TOWER PARCEL ONLY, MADE ON THE GROUND UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR AND MAPPER, AND MEETS THE STANDARDS OF PRACTICE FOR HORIZONTAL AND VERTICAL ACCURACY FOR THIS PROPERTY'S EXPECTED USE. THIS IS NOT A BOUNDARY SURVEY OF THE ENTIRE PARENT TRACT.

2) BEARINGS ARE BASED ON THE NORTHERLY RIGHT OF WAY LINE OF FRED R. TUERK DRIVE, AS BEING NORTH 69°05'20" EAST, PER PLAT BOOK 5, PAGE 22.

3) ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE MONUMENT DESIGNATED "GPS 163" PER THE NATIONAL GEODETIC SURVEY WEBSITE (HTTP://WWW.NGS.NOAA.GOV), NORTH AMERICAN VERTICAL DATUM OF 1988 DATUM. ON SITE ELEVATIONS ARE AS FOLLOWS:
BENCHMARK NO. 1, ELEVATION = 3.87 FEET
BENCHMARK NO. 2, ELEVATION = 4.46 FEET

4) THIS SURVEY WAS CONDUCTED FOR THE PURPOSE OF A BOUNDARY AND TOPOGRAPHIC SURVEY OF THE PROPOSED TOWER PARCEL ONLY, AND IS NOT INTENDED TO DELINEATE THE REGULATORY JURISDICTION OF ANY FEDERAL, STATE, REGIONAL OR LOCAL AGENCY, BOARD, COMMISSION OR OTHER SIMILAR ENTITY. THE TOPOGRAPHIC SURVEY IS LIMITED TO THE PROPOSED TOWER PARCEL, INGRESS/EGRESS, PARKING, AND UTILITY EASEMENT.

5) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT. NO ABSTRACT EXAMINATION IMPLIED. THERE MAY BE OTHER EASEMENTS, RIGHT OF WAYS, SETBACKS, AGREEMENTS, RESERVATIONS, RESTRICTIONS, OR OTHER MATTERS OF PUBLIC RECORDS, NOT PROVIDED TO THIS SURVEYOR.

6) NO UNDERGROUND UTILITIES, UNDERGROUND ENCROACHMENTS OR BUILDING FOUNDATIONS WERE OBSERVED AS A PART OF THIS SURVEY, UNLESS OTHERWISE SHOWN. SHRUBS WERE NOT LOCATED, UNLESS OTHERWISE SHOWN.

7) THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

8) THE PROPERTY SHOWN HEREON APPEARS TO FALL WITHIN FLOOD ZONE "AE", B.F.E-6, AND FLOOD ZONE "X", B.F.E-UNDETERMINED, AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 12061C0253H, MAP REVISED 12/04/2012, NATIONAL FLOOD INSURANCE PROGRAM, FEDERAL EMERGENCY MANAGEMENT AGENCY.

9) THE FIELD SURVEY WAS COMPLETED ON 5-31-2016.

10) ADDITIONS AND/OR DELETIONS TO THIS SURVEY MAP, BY OTHER THAN THE SINGING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SINGING PARTY OR PARTIES.

BOUNDARY/TOPOGRAPHIC SURVEY OF PROPOSED DATAPATH COMMUNICATIONS TOWER

THIS SURVEY WAS MADE
UNDER MY DIRECTION,
NOT VALID WITHOUT THE
SIGNATURE AND THE
ORIGINAL RAISED SEAL OF
A FLORIDA LICENSED
SURVEYOR AND MAPPER.

STEVE E. BURNETT
FLORIDA PROFESSIONAL SURVEYOR &
MAPPER NO. 5891

DRAWING RECORD

DRAWN DATE: 6/7/2016	FIELD BOOK/PAGE: N/A
CHECKED DATE: 6/8/2016	SEC. TOWN RANGE 18-32S-40E
FIELD DATE: 5/31/2016	COUNTY INDIAN RIVER

PREPARED FOR:

DATAPATH TOWERS

INDIAN RIVER SHORES 2

Line Table		
Line #	Length	Direction
L1	14.82'	N69°35'08"E
L2	137.88'	N20°37'04"W
L3	5.06'	N69°09'11"E
L4	35.03'	N27°07'38"W
L5	56.04'	N11°41'30"W
L6	23.06'	S87°31'21"W
L7	84.25'	N69°09'11"E
L8	138.81'	N20°36'44"W
L9	9.99'	N69°09'11"E

Line Table		
Line #	Length	Direction
L12	32.36'	S20°43'26"E
L13	79.25'	S69°09'11"W
L14	109.47'	S20°36'44"E
L15	58.13'	N71°42'55"E
L16	24.40'	N87°31'21"E
L17	52.81'	S11°29'23"E
L18	35.04'	S20°07'38"E
L19	15.00'	S69°05'20"W
L20	50.00'	N69°16'34"E
L21	50.00'	N20°43'26"W
L22	50.00'	S69°16'34"W
L23	50.00'	S20°43'26"E

CURVE TABLE

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
C1	18.95'	27.14'	24.88'	N 58°01'38" W
C2	33.95'	49.85'	45.49'	S 55°19'53" E

LEGEND

BCR	SET 2"X CAPPED IRON ROD NO. LB6901	P.O.C.	POINT OF COMMENCEMENT
FCM	FOUND CONCRETE MONUMENT	P.O.B.	POINT OF BEGINNING
FR	FOUND IRON ROD	P.O.T.	POINT OF TERMINUS
LB	LICENSED BUSINESS	NCFS	NO CORNER FOUND/SET
(P)	PLAT MEASUREMENT	R/W	RIGHT OF WAY
(F)	FIELD MEASUREMENT	L1	LINE
(C)	CALCULATED	TM	TEMPORARY BENCHMARK
P.B.	PLAT BOOK	BFE	BASE FLOOD ELEVATION
O.R.	OFFICIAL RECORD	X	SPOT ELEVATION
PS	PAGE	3/4"	FIRE HYDRANT

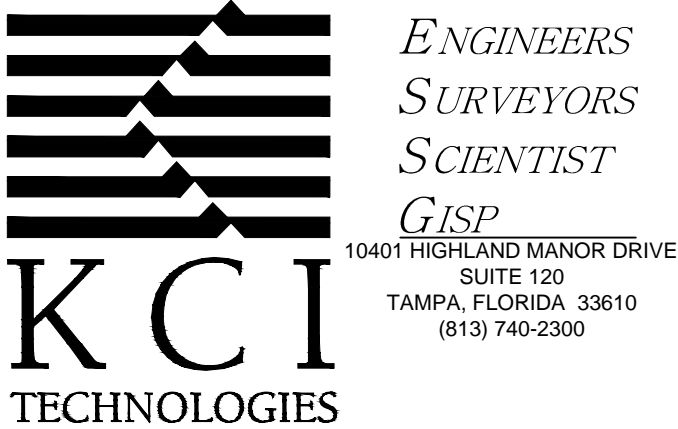


INDIAN RIVER
SHORES 2

DATE: JUNE 9, 2016

REVISIONS

NO.	DATE
1	
2	
3	
4	
5	
6	



FLORIDA LICENSE NO.: LB 6901

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OUTDOOR.

SITE NUMBER :

N/A

SITE NAME :

INDIAN RIVER SHORES 2

SITE ADDRESS :

6001 FLORIDA A1A
VERO BEACH, FLORIDA 32963
(INDIAN RIVER COUNTY)

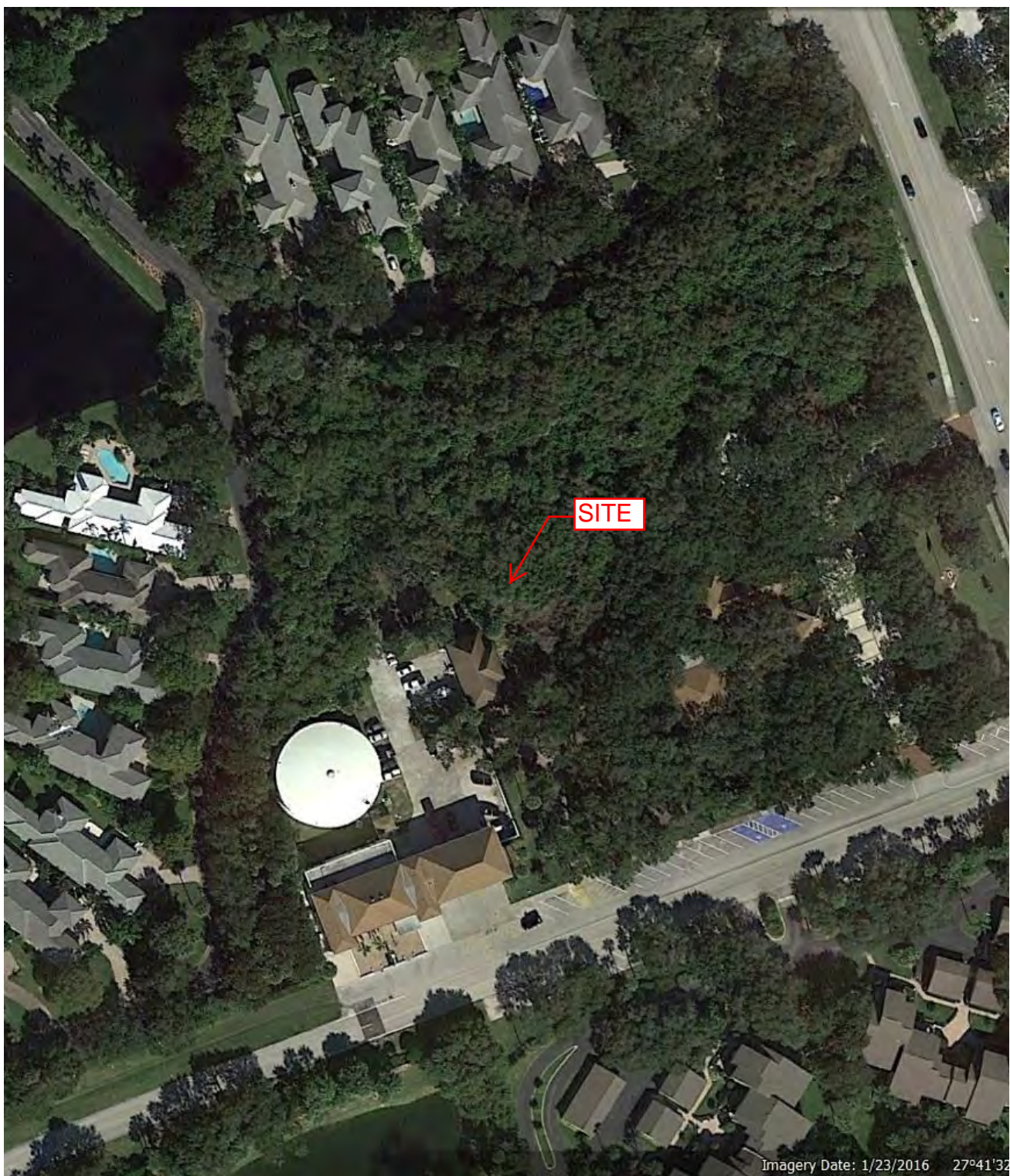
SHEET TITLE :

BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET NUMBER :

S-1

KCI JOB# 851600323B



Source: 2016 Google Earth Aerial Photograph

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Figure 3: 2016 Google Earth Aerial Photograph



ECA Proj. # S0910

APPENDIX B

FEMA Flood Insurance Rate Map and Pertinent Documentation



MAP SCALE 1" = 500'

0 250 500 750 1,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0253H

FIRM

FLOOD INSURANCE RATE MAP
INDIAN RIVER
COUNTY,
FLORIDA
AND INCORPORATED AREAS

PANEL 253 OF 390

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
INDIAN RIVER SHORES, TOWN OF	120121	0253	H

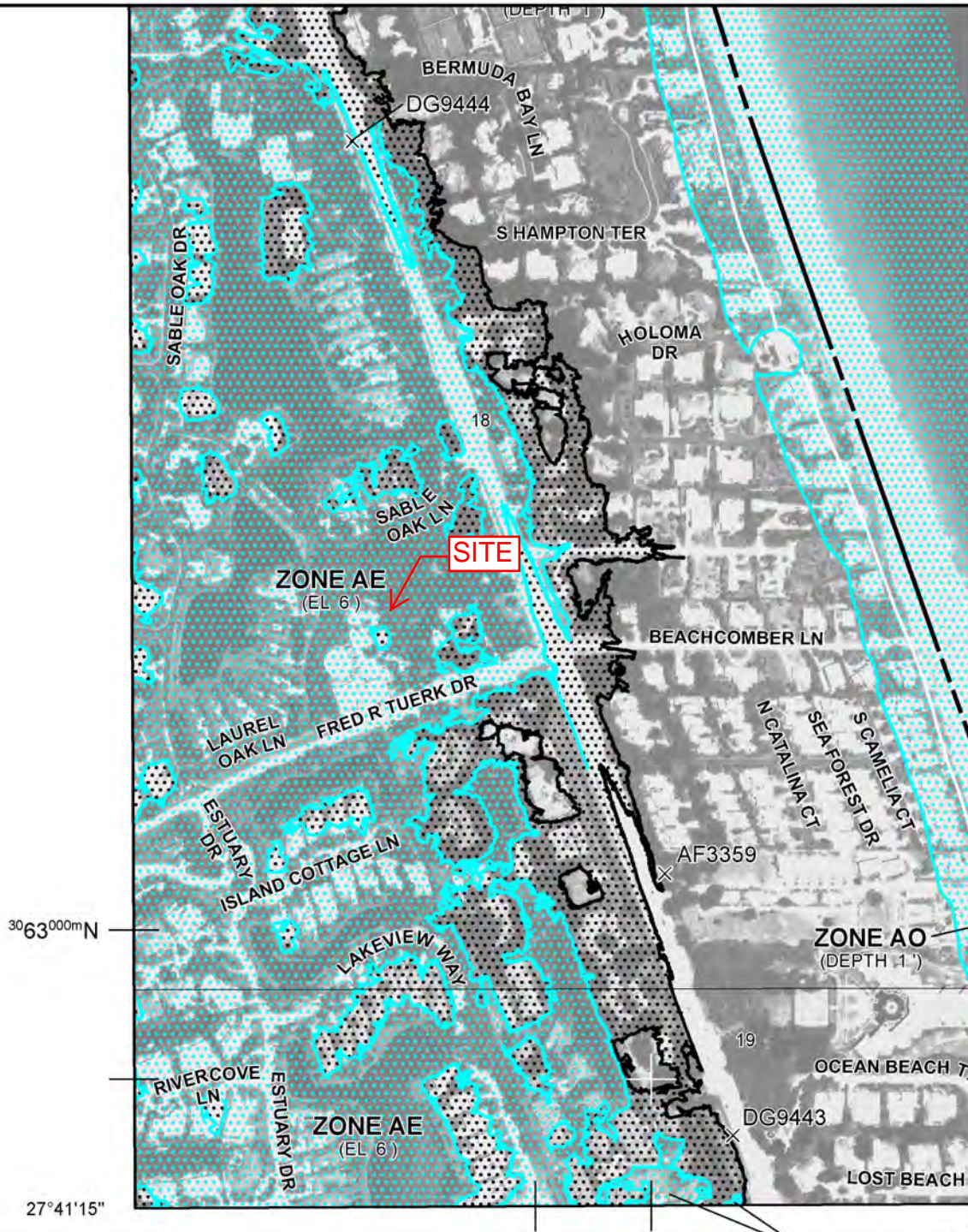
Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
12061C0253H

MAP REVISED
DECEMBER 4, 2012

Federal Emergency Management Agency



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Federal Emergency Management Agency

Community Status Book Report

FLORIDA

Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
125113#	HOLLYWOOD, CITY OF	BROWARD COUNTY		11/07/72	08/18/14	11/03/72	No
125114#	HOLMES BEACH, CITY OF	MANATEE COUNTY	06/11/71	06/11/71	03/17/14	06/11/71	No
120420#	HOLMES COUNTY *	HOLMES COUNTY	06/17/77	12/05/90	12/17/10	12/05/90	No
120645#	HOMESTEAD, CITY OF	MIAMI-DADE COUNTY		09/29/72	09/11/09	09/29/72	No
120326#	HORSESHOE BEACH, TOWN OF	DIXIE COUNTY	08/30/74	11/02/83	03/18/08	11/02/83	No
120585#	HOWEY IN THE HILLS, TOWN OF	LAKE COUNTY	03/02/79	08/15/84	12/18/12	08/15/84	No
120207#	HYPOLUXO, TOWN OF	PALM BEACH COUNTY	08/23/74	05/15/78	05/15/78	05/15/78	No
125115#	INDIALANTIC, TOWN OF	BREVARD COUNTY	08/18/72	09/30/82	03/17/14	08/18/72	No
120646#	INDIAN CREEK, VILLAGE OF	MIAMI-DADE COUNTY		09/29/72	09/11/09	09/29/72	No
125116#	INDIAN HARBOR BEACH, CITY OF	BREVARD COUNTY		06/16/72	03/17/14	06/16/72	No
120119#	INDIAN RIVER COUNTY *	INDIAN RIVER COUNTY	12/20/74	07/03/78	12/04/12	07/03/78	No
120121#	INDIAN RIVER SHORES, TOWN OF	INDIAN RIVER COUNTY	10/26/73	09/05/79	12/04/12	09/05/79	No
125117#	INDIAN ROCKS BEACH, CITY OF	PINELLAS COUNTY	07/17/70	05/07/71	09/03/03	05/07/71	No
125118#	INDIAN SHORES, TOWN OF	PINELLAS COUNTY	05/22/70	05/21/71	09/03/03	05/21/71	No
120586#	INGLIS, TOWN OF	LEVY COUNTY	12/29/78	03/01/84	11/02/12	01/10/86	No
120391#	INTERLACHEN, TOWN OF	PUTNAM COUNTY	12/03/76	12/04/79	02/02/12	12/04/79	No
120348#	INVERNESS, CITY OF	CITRUS COUNTY	01/13/78	05/17/82	09/26/14	05/17/82	No
120424#	ISLAMORADA, VILLAGE OF	MONROE COUNTY		06/20/70	02/18/05	10/01/98	No
120125#	JACKSON COUNTY *	JACKSON COUNTY	12/13/74	12/15/90	12/17/10	12/15/90	No
120078#	JACKSONVILLE BEACH, CITY OF	DUVAL COUNTY	06/07/74	03/15/77	06/03/13	03/15/77	No
120077#	JACKSONVILLE, CITY OF	DUVAL COUNTY	01/31/75	12/01/77	06/03/13	12/01/77	No
120587#	JASPER, CITY OF	HAMILTON COUNTY		06/04/87	06/04/10(M)	07/27/06	No
120339#	JAY, TOWN OF	SANTA ROSA COUNTY	10/10/75	05/15/86	12/19/06	05/15/86	No
120331#	JEFFERSON COUNTY *	JEFFERSON COUNTY	12/02/77	07/16/91	02/05/14	07/16/91	No
120208#	JUNO BEACH, TOWN OF	PALM BEACH COUNTY	01/04/74	12/01/78	09/30/82	12/01/78	No
125120#	JUPITER INLET COLONY, TOWN OF	PALM BEACH COUNTY	09/27/72	09/22/72	09/30/82	09/22/72	No
120162B	JUPITER ISLAND, TOWN OF	MARTIN COUNTY	05/24/74	02/02/77	03/16/15	02/02/77	No
125119#	JUPITER, TOWN OF	PALM BEACH COUNTY		09/22/72	06/02/92	09/22/72	No
120245#	KENNETH CITY, TOWN OF	PINELLAS COUNTY	06/28/74	01/16/81	08/18/09	01/16/81	No
120648#	KEY BISCAIYNE, VILLAGE OF	MIAMI-DADE COUNTY		09/29/72	09/11/09	09/29/72	No
125121#	KEY COLONY BEACH, CITY OF	MONROE COUNTY		06/20/70	02/18/05	07/16/71	No
120168#	KEY WEST, CITY OF	MONROE COUNTY		09/03/71	02/18/05	09/03/71	No
120671#	KEYSTONE HEIGHTS, CITY OF	CLAY COUNTY		06/22/98	03/17/14	11/13/98	No
120190#	KISSIMMEE, CITY OF	OSCEOLA COUNTY	07/19/74	07/02/81	06/18/13	07/02/81	No
120626#	LA CROSSE, TOWN OF	ALACHUA COUNTY		08/16/88	06/16/06	12/13/11	No
120109A	LABELLE, CITY OF	HENDRY COUNTY	07/16/94	01/20/82	07/06/15	01/20/82	No
120613#	LADY LAKE, TOWN OF	LAKE COUNTY		08/15/84	12/18/12	11/14/84	No
120131#	LAFAYETTE COUNTY*	LAFAYETTE COUNTY	05/27/77	01/16/87	09/29/06	01/16/87	No
120667#	LAKE ALFRED, CITY OF	POLK COUNTY		12/20/00	12/20/00	09/24/03	No
120595#	LAKE BUTLER, CITY OF	UNION COUNTY	09/22/78	07/03/86	02/04/09(M)	07/03/86	No
120406#	LAKE CITY, CITY OF	COLUMBIA COUNTY	10/29/76	01/06/88	02/04/09	01/06/88	No
120211#	LAKE CLARKE SHORES, TOWN OF	PALM BEACH COUNTY	01/09/74	11/01/78	11/01/78	11/01/78	No
120421#	LAKE COUNTY *	LAKE COUNTY	05/26/78	04/01/82	12/18/12	04/01/82	No
120414#	LAKE HAMILTON, TOWN OF	POLK COUNTY	02/04/77	11/05/80	12/20/00	11/05/80	No
120674#	LAKE HELEN, CITY OF	VOLUSIA COUNTY		04/15/02	02/19/14	05/19/05	No
120416#	LAKE MARY, CITY OF	SEMINOLE COUNTY	07/08/77	03/18/80	09/28/07	03/18/80	No
120212#	LAKE PARK, TOWN OF	PALM BEACH COUNTY	11/23/73	09/15/78	09/15/78	09/15/78	No
120068A	LAKE PLACID, TOWN OF	HIGHLANDS COUNTY		11/18/15	11/18/15	04/25/06	No
Use Highland County FIRM panels 120111 0150B and 175B							
120390#	LAKE WALES, CITY OF	POLK COUNTY	10/17/75	03/16/88	11/19/03	03/16/88	No
120213#	LAKE WORTH, CITY OF	PALM BEACH COUNTY	08/02/74	12/01/78	09/30/82	12/01/78	No

APPENDIX C

Wetland Information



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Mapper

Jul 18, 2016



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

APPENDIX D

Protected Species Information



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

September 26, 2016

Datapath Tower
PO Box 66478
St. Pete Beach, FL 33736

Attention: William Tinsley

**Subject: Informal Biological Assessment
Threatened, Endangered, and Proposed Threatened and Endangered Species
Proposed 115-Foot Monopine Telecommunications Structure
(Overall Height Including Appurtenances)
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Riomar, FL USGS Quadrangle Map
Latitude: N 27° 41' 32.8" Longitude: W 80° 22' 21.3"
ECA Project Number: S0910**

Dear Mr. Tinsley:

Environmental Corporation of America (ECA) is pleased to provide this report of our Informal Biological Assessment for the proposed project.

The South Florida Ecological Services Office of the US Fish and Wildlife Services (USFWS) has requested that they not be sent documentation for communication tower projects where certain criteria have been met. Specifically, if the proposed tower is a lattice or monopole design; the proposed tower is less than 200 feet in total height; the proposed tower structure does not contain guy-wires; the proposed tower is located in urbanized or developed areas or other areas that do not provide potential habitat for federally listed species; the proposed tower structure is located at least 1,500 feet from any documented nest of the bald eagle; and the proposed tower structure is located at least 1 mile from any known active nesting colony of the endangered wood stork or wading bird nest colony, the USFWS has determined that projects that meet these criteria are not likely to adversely affect federally listed species or have significant adverse impacts on migratory birds.

Background

The project area location is shown on Figure 1 in Attachment A. Figure 2 is a plan view that shows the site configuration. Figure 3 is a recent aerial photograph of the site area. Datapath

Tower plans to construct a 115-foot tall monopine telecommunications structure (overall height with appurtenances) within the project area. No lighting is anticipated and no guy wires would be used.

The project area includes a proposed 50-foot by 50-foot lease area within a wooded area adjacent to a fire department facility. The proposed approximate 158-foot long by 5-foot wide utility easement and a portion of the proposed approximate 438-foot long by 15-foot wide access/utility easement are located within a maintained lawn. The remainder of the proposed access/utility easement overlies a paved parking lot and drive. Photographs of the project area are included in Attachment B. Descriptions of the photographs are provided underneath each photograph and photograph locations are graphically depicted on Figure 2 in Attachment A.

No evidence of wetland indicators or jurisdictional waters was observed during our site visit. In addition, according to the National Wetland Inventory Map overlay for the project area, no jurisdictional waters or wetlands lie within the project area. Therefore, it does not appear that jurisdictional waters or wetlands would be impacted by the proposed action.

Purpose

The purpose of this letter is to provide you with documentation of our investigations and findings relative to federally listed or proposed threatened and endangered species within the project area.

Review of Available Documentation and Site Inspection

ECA has reviewed the most current USFWS County List of Protected Species for Indian River County, Florida, the USFWS Information, Planning, and Conservation (IPaC) System, the Critical Habitat Mapper, the FWC Bald Eagle Nest Locator, and the FWC Waterbird Colony Locator. ECA has also reviewed information from various sources pertaining to the habitat requirements of the listed species. Habitat at the site was evaluated during our July 20, 2016 site visit, which was conducted by Joe Anderson of ECA.

Discussion of Findings

Because the proposed undertaking would not be located in or within close proximity to surface waters or wetlands, aquatic species are not a concern for this undertaking. The nearest water body to the project area is a small pond located approximately 350 feet northwest of the project area at its closest point. Non-aquatic species recognized by the U.S. Fish and Wildlife Service as inhabiting Indian River County, Florida are listed in the following table along with a habitat description and a finding of effect for each.

Species Name	Scientific Name	Federal Status	Habitat	Finding of Effect
Everglade snail kite	<i>Rostrhamus sociabilis plumbeus</i>	Endangered	Large, open freshwater marshes and lakes with shallow open waters	No Suitable Habitat; No Effect

Species Name	Scientific Name	Federal Status	Habitat	Finding of Effect
Red-cockaded woodpecker	<i>Picoides borealis</i>	Endangered	Open stands of pines, with a minimum age of 80 to 120 years	No Suitable Habitat; No Effect
Ivory-billed woodpecker	<i>Campephilus principalis</i>	Endangered	Large, contiguous forests with numerous large trees, with some stage of decay present	No Suitable Habitat; No Effect
Wood stork	<i>Mycteria americana</i>	Threatened	Marshes, swamps, lagoons, ponds, flooded fields; nests in cypress swamps	No Suitable Habitat; No Effect
Audubon's crested caracara	<i>Polyborus plancus audubonii</i>	Threatened	Dry prairies with scattered cabbage palms	No Suitable Habitat; No Effect
Piping plover	<i>Charadrius melodus</i>	Threatened	Sand dunes, shorelines, and coastlines areas in general	No Suitable Habitat; No Effect
Florida scrub-jay	<i>Aphelocoma coerulescens</i>	Threatened	Oak scrub on white, drained sand, and in open areas without a dense canopy	No Suitable Habitat; No Effect
Red knot	<i>Calidris canutus rufa</i>	Threatened	Breeds in drier tundra areas, such as sparsely vegetated hillsides; outside of breeding season, it is found primarily in intertidal, marine habitats, especially near coastal inlets, estuaries, and bays	No Suitable Habitat; No Effect
Fragrant prickly-apple	<i>Cereus eriophorus var. fragrans</i>	Endangered	Open coastal hammocks and shell middens of Florida's east coast; scrubby flatwoods, maritime and xeric hammocks	No Suitable Habitat; No Effect
Lakela's mint	<i>Dicerandra immaculata</i>	Endangered	Small sandhills (the remnants of ancient coastal dunes) with sand pine scrub vegetation	No Suitable Habitat; No Effect
Johnson's seagrass	<i>Halophila johnsonii</i>	Threatened	Rhizomatous seagrass forming low mats either in pure stands or with shoalgrass in intertidal areas (6" to 6' depth)	No Suitable Habitat; No Effect
Florida panther	<i>Puma concolor coryi</i>	Endangered	Generally, heavily forested areas in lowlands and swamps and areas with adequate deer or wild hog population; also, tropical hammocks, pine flatwoods, cabbage palm forests, mixed swamp, cypress swamp, live oak hammocks, sawgrass marshes, and Brazilian pepper thickets; depends on large contiguous blocks of wooded habitat	No Suitable Habitat; No Effect
Puma	<i>Puma (=felis) concolor (all subsp. except coryi)</i>	Similarity of Appearance (Threatened)	Associated generally with mountainous or remote undisturbed areas; may occupy wide variety of habitats: swamps, riparian woodlands, broken country with good cover of brush or woodland	No Suitable Habitat; No Effect

Species Name	Scientific Name	Federal Status	Habitat	Finding of Effect
Southeastern beach mouse	<i>Peromyscus polionotus niveiventris</i>	Threatened	Areas consisting of sea oats and associated dune systems with grasses, open sandy areas, and scattered shrubs	No Suitable Habitat; No Effect
Eastern indigo snake	<i>Drymarchon corais couperi</i>	Threatened	Generally mesic flatwoods, upland pine forest, sandhills, and scrubby flatwoods; commonly associated with gopher tortoise burrows	No Suitable Habitat; No Effect
Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>	Threatened	Brackish and salt marshes, shallow tidal creeks and pools, often in association with glasswort and fiddler crab burrows	No Suitable Habitat; No Effect
American crocodile	<i>Crocodylus acutus</i>	Threatened	Found in coastal areas and river systems but prefer brackish lakes, mangrove swamps, lagoons, cays, and small islands	No Suitable Habitat; No Effect
American alligator	<i>Alligator mississippiensis</i>	Similarity of Appearance (Threatened)	Fresh and brackish marshes, ponds, lakes, rivers, swamps, bayous, canals, and large spring runs; often bask on partially submerged logs or on land next to the water	No Suitable Habitat; No Effect
Gopher tortoise	<i>Gopherus polyphemus</i>	Candidate	Favors dry sandy ridges with well drained sandy soil	No Suitable Habitat; No Effect
Miami blue butterfly	<i>Cyclargus thomasi bethunebakeri</i>	Endangered	Tropical coastal hammocks, scrub, and pine rocklands	No Suitable Habitat; No Effect

The project area includes a proposed 50-foot by 50-foot lease area within a wooded area adjacent to a fire department facility. The proposed approximate 158-foot long by 5-foot wide utility easement and a portion of the proposed approximate 438-foot long by 15-foot wide access/utility easement are located within a maintained lawn. The remainder of the proposed access/utility easement overlies a paved parking lot and drive. We believe that no suitable habitat is available for the species identified by USFWS as federally listed or proposed threatened or endangered in Indian River County, Florida. No designated or proposed critical habitat was identified in the project area vicinity. A Tower Site Evaluation Form is included in Attachment D.

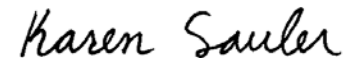
Conclusions

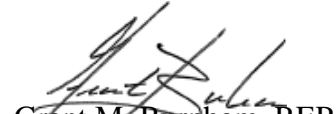
Based on the information reviewed and our site inspection, ECA has found no evidence that the project area would provide suitable habitat for any federally listed or proposed species identified by USFWS as occurring within Indian River County, Florida or that any designated or proposed critical habitat is present within the project vicinity. Based on these findings, it is our opinion that the proposed project would have no effect on federally threatened or endangered species or designated critical habitat. Further, we do not believe the proposed project would jeopardize the continued existence of any federally proposed threatened or endangered species or would result in the destruction or adverse modification of proposed critical habitat.

Closure

Joe Anderson of ECA conducted the site visit and area inspection and Karen Sauler collected the applicable information and compiled this report. Grant Burnham, a degreed Biologist, reviewed this report. For any questions or additional information, please contact Karen Sauler by phone at 770-667-2040 (x. 126), by email at karen.sauler@eca-usa.com, or by mail at 1375 Union Hill Industrial Court, Alpharetta, GA 30004.

Sincerely yours,
Environmental Corporation of America


Karen Sauler, EIT
Project Scientist


Grant M. Burnham, REP
Principal Biologist

ATTACHMENT A

Figures



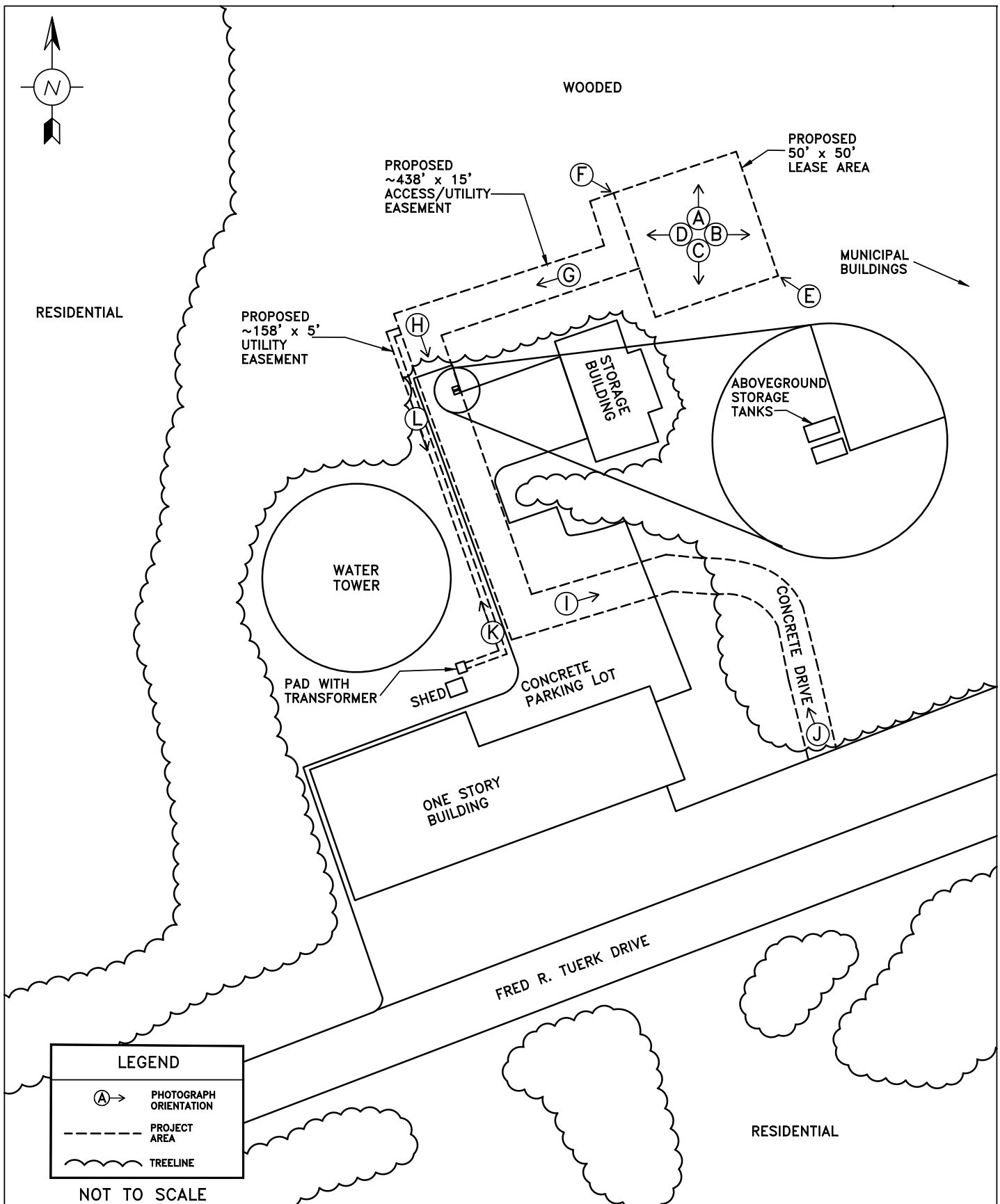
Source: USGS Topographic Maps, 7.5 Minute Series, Vero Beach, FL (1949, photorevised 1983) and Riomar, FL (1948, photorevised 1983, minor revision 1992).



Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida
 Figure 1: Site Location Plan



ECA Proj. # S0910



Indian River Shores 2

Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

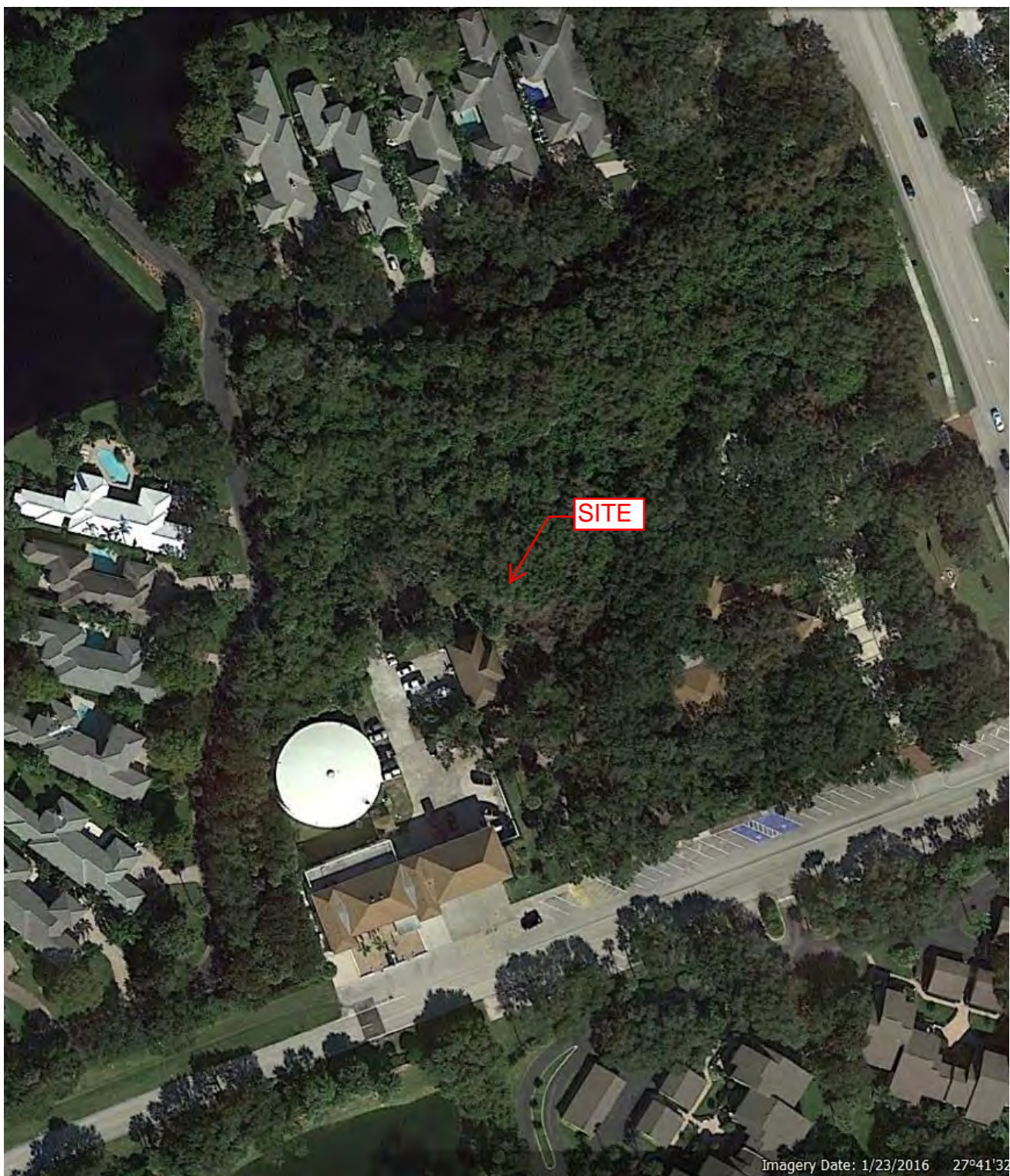
Figure 2: Site Vicinity Plan

SOURCE: 7/20/16 ECA Site Visit
2016 Google Earth Aerial Photograph
Client-Provided Survey

DRAWN BY: KXS DATE: 8/9/16
FILE NAME: F:\%\S0910.dwg



ECA Project # S0910



Source: 2016 Google Earth Aerial Photograph

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Figure 3: 2016 Google Earth Aerial Photograph



ECA Proj. # S0910



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Mapper

Jul 18, 2016



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

ATTACHMENT B

Photographs



A: Northerly View from Near the Center of the Proposed Lease Area



B: Easterly View from Near the Center of the Proposed Lease Area

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Photographs



ECA Proj. # S0910



C: Southerly View from Near the Center of the Proposed Lease Area



D: Westerly View from Near the Center of the Proposed Lease Area

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida
 Photographs



ECA Proj. # S0910



E: Northwesterly View of the Proposed Lease Area



F: Southeasterly View of the Proposed Lease Area

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Photographs



ECA Proj. # S0910



G: Southwesterly View Along the Proposed Access/Utility Easement



H: Southeasterly View Along the Proposed Access/Utility Easement

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida
 Photographs



ECA Proj. # S0910



I: Northeasterly View Along the Proposed Access/Utility Easement



J: Northwesterly View Along the Proposed Access/Utility Easement

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Photographs



ECA Proj. # S0910



K: Northwesterly View Along the Proposed Utility Easement



L: Southeasterly View Along the Proposed Utility Easement

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Photographs



ECA Proj. # S0910

ATTACHMENT C

Protected Species Information



United States Department of the Interior

FISH AND WILDLIFE SERVICE
South Florida Ecological Services Office
1339 20th Street
Vero Beach, Florida 32960



February 6, 2014

CLEARANCE TO PROCEED WITH CONSTRUCTION OF COMMUNICATION TOWERS AND RELATED ACTIVITIES

To Whom It May Concern:

The U.S. Fish and Wildlife Service (Service) South Florida Ecological Services Office receives a large number of requests for review of communication towers and related activities (*e.g.*, the construction of new communication towers, co-location of antennas on existing communication towers or other structures, and the repair or maintenance of existing structures). This letter is in accordance with section 7 of the Endangered Species Act of 1973, as amended (87 Stat. 884; 16 U.S.C. 1531 *et seq.*), the Migratory Bird Treaty Act (40 Stat. 755; 16 U.S.C. 701 *et seq.*), and the 2013 U.S. Fish and Wildlife Service (USFWS) Revised Voluntary Guidelines for Communication Tower Design, Siting, Construction, Operation, Retrofitting, and Decommissioning (Guidelines): ([available at - http://www.fws.gov/verobeach/Programmatic%20Consultations.html](http://www.fws.gov/verobeach/Programmatic%20Consultations.html)).

We have determined the following activities are not likely to increase risk to any federally listed species or have significant adverse impacts on migratory birds:

- (1) The construction of lattice or monopole design communication towers less than 200 feet in total height that do not contain guy wires. The tower must be located in urbanized or developed areas or other areas that do not provide potential habitat for federally listed species. In addition, the tower must be located at least 1,500 feet from any documented nest of the bald eagle (*Haliaeetus leucocephalus*) and at least 1 mile from any known active nesting colony of the endangered wood stork (*Mycteria americana*) or wading bird nesting colony;
(Eagle Nest Locator: <https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx>)
(Wading Bird Colonies: <http://atoll.floridamarine.org/waterbirds/>)
- (2) The co-location of a new antenna on an existing communication tower or mounting of a new antenna on an existing structure (*e.g.*, light pole, billboard, water tower, building). The attachment of a new antenna to an existing communication tower should not increase the height of the tower or result in the addition of guy wires or lights to the tower. Also, the installation of the new antenna should not require the construction of a new access road or additional disturbance of the site; and
- (3) The repair, maintenance, or replacement of an existing communication tower, provided the activity does not increase the height of the tower or result in the addition of guy wires or lights to the tower.

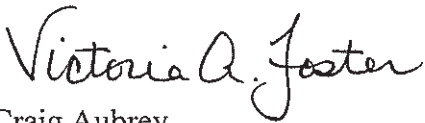
For projects that meet the criteria listed above, further coordination with the Service is not necessary. In view of the preceding, this letter may also be used as a general clearance for all future projects meeting these criteria. Those projects that do not meet the above criteria should be forwarded to this office for further evaluation.

To assist you with project analysis, we recommend you consult the following electronic sources of information:

- (1) The *South Florida Multi-Species Recovery Plan* discusses suitable ecological communities for federally listed species (<http://www.fws.gov/verobeach/ListedSpeciesMSRP.html>);
- (2) The Florida Natural Areas Inventory website provides information on major feeding sites and congregations of large numbers of migratory and resident birds (<http://www.fnai.org/>); and
- (3) The Service's migratory bird website provides useful information concerning migratory birds (<http://migratorybirds.fws.gov/>).

Thank you for your cooperation in the effort to protect fish and wildlife resources. For additional information, coordination, or questions about this clearance letter, please contact Al Begazo at 772-469-4234.

Sincerely yours,


for Craig Aubrey
Field Supervisor
South Florida Ecological Services Office

[ECOS](#) / [Species Reports](#) / Species By County Report

Species By County Report

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the [IPaC](#) application.

County: Indian River, Florida

[Download CSV](#)Need to contact a FWS field office about a species? Follow [this link](#) to find your local FWS Office.

Group	Name	Population	Status	Lead Office	Recovery Plan	Recovery Plan Action Status	Recovery Plan Stage
Birds	Whooping crane (Grus americana)	U.S.A. (CO, ID, FL, NM, UT, and the western half of Wyoming)	Experimental Population, Non-Essential	Office of the Regional Director			
Birds	Everglade snail kite (Rostrhamus sociabilis plumbeus)	Entire	Endangered	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Implementation Progress	Final
Birds	Wood stork (Mycteria americana)	AL, FL, GA, MS, NC, SC	Threatened	North Florida Ecological Services Field Office	Revised Recovery Plan for the U.S. Breeding Population of the Wood Stork	Implementation Progress	Final Revision 1
Birds	Audubon's crested caracara (Polyborus plancus audubonii)	FL pop.	Threatened	South Florida Ecological Services Field Office	South Florida Multi-Species Recovery Plan (68 spp.)	Implementation Progress	Final
Birds	Piping Plover (Charadrius melodus)	except Great Lakes watershed	Threatened	Office of the Regional Director	Volume I: Draft Revised Recovery Plan for the Northern Great Plains Piping Plover (Charadrius melodus)	Recovery efforts in progress, but no implementation information yet to display.	Draft Revision 1

Birds	Piping Plover (<u>Charadrius melodus</u>)	except Great Lakes watershed	Threatened	Office of the Regional Director	<u>Piping Plover Atlantic Coast Population Revised Recovery Plan</u>	<u>Implementation Progress</u>	Final Revision 1
Birds	Florida scrub-jay (<u>Aphelocoma coerulescens</u>)	Entire	Threatened	North Florida Ecological Services Field Office	<u>Florida Scrub Jay</u>	<u>Implementation Progress</u>	Final
Birds	Red knot (<u>Calidris canutus rufa</u>)		Threatened	New Jersey Ecological Services Field Office			
Flowering Plants	Fragrant prickly-apple (<u>Cereus eriophorus var. fragrans</u>)		Endangered	South Florida Ecological Services Field Office	<u>South Florida Multi-Species Recovery Plan (68 spp.)</u>	<u>Implementation Progress</u>	Final
Flowering Plants	Lakela's mint (<u>Dicerandra immaculata</u>)		Endangered	South Florida Ecological Services Field Office	<u>South Florida Multi-Species Recovery Plan (68 spp.)</u>	<u>Implementation Progress</u>	Final
Mammals	West Indian Manatee (<u>Trichechus manatus</u>)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Florida Manatee Recovery Plan, Third Revision</u>	<u>Implementation Progress</u>	Final Revision 3
Mammals	West Indian Manatee (<u>Trichechus manatus</u>)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Recovery Plan Puerto Rican Population of the West Indian (Antillean) Manatee</u>	<u>Implementation Progress</u>	Final
Mammals	Southeastern beach mouse (<u>Peromyscus polionotus niveiventris</u>)	wherever found	Threatened	North Florida Ecological Services Field Office	<u>Anastasia Island/Southeast Beach Mice (2 spp.)</u>	<u>Implementation Progress</u>	Final
Mammals	Puma (=mountain lion)	FL	Similarity of Appearance	Office of the			

	(Puma (=Felis) concolor (all subsp. except coryi))		(Threatened)	Regional Director			
Reptiles	American alligator (Alligator mississippiensis)	Entire	Similarity of Appearance (Threatened)	Office of the Regional Director			
Reptiles	Hawksbill sea turtle (Eretmochelys imbricata)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Recovery Plan for the Hawksbill Turtle in the U.S. Caribbean, Atlantic and Gulf of Mexico</u>	<u>Implementation Progress</u>	Final Revision 1
Reptiles	Hawksbill sea turtle (Eretmochelys imbricata)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Recovery Plan for U.S. Pacific Populations of the Hawksbill Turtle</u>	<u>Implementation Progress</u>	Final Revision 1
Reptiles	Leatherback sea turtle (Dermochelys coriacea)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle</u>	<u>Implementation Progress</u>	Final Revision 1
Reptiles	Leatherback sea turtle (Dermochelys coriacea)	Entire	Endangered	North Florida Ecological Services Field Office	<u>Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico</u>	<u>Implementation Progress</u>	Final Revision 1
Reptiles	Loggerhead sea turtle (Caretta caretta)	Northwest Atlantic Ocean DPS	Threatened	North Florida Ecological Services Field Office	<u>Recovery Plan for the Northwest Atlantic Population of the Loggerhead Sea Turtle (Caretta caretta): Second Revision</u>	<u>Implementation Progress</u>	Final Revision 2
Reptiles	Atlantic salt marsh snake (Nerodia clarkii taeniata)	Entire	Threatened	North Florida Ecological Services Field Office	<u>Atlantic Salt Marsh Snake</u>	<u>Implementation Progress</u>	Final

Reptiles	Eastern indigo snake (<u>Drymarchon corais couperi</u>)	Entire	Threatened	Mississippi Ecological Services Field Office	<u>Eastern Indigo Snake</u>	<u>Implementation Progress</u>	Final
Reptiles	American crocodile (<u>Crocodylus acutus</u>)	FL pop.	Threatened	South Florida Ecological Services Field Office	<u>South Florida Multi-Species Recovery Plan (68 spp.)</u>	<u>Implementation Progress</u>	Final
Reptiles	Gopher tortoise (<u>Gopherus polyphemus</u>)	eastern	Candidate				



United States Department of the Interior



FISH AND WILDLIFE SERVICE
South Florida Ecological Services Field Office
1339 20TH STREET
VERO BEACH, FL 32960
PHONE: (772)562-3909 FAX: (772)562-4288
URL: fws.gov/verobeach

Consultation Code: 04EF2000-2016-SLI-0561

September 19, 2016

Event Code: 04EF2000-2016-E-01892

Project Name: Indian River Shores 2

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Official Species List

Provided by:

South Florida Ecological Services Field Office

1339 20TH STREET

VERO BEACH, FL 32960

(772) 562-3909

<http://fws.gov/verobeach>

Consultation Code: 04EF2000-2016-SLI-0561

Event Code: 04EF2000-2016-E-01892

Project Type: COMMUNICATIONS TOWER

Project Name: Indian River Shores 2

Project Description: Fred R. Tuerk Drive

Indian River Shores, Indian River County, Florida

115' Monopine

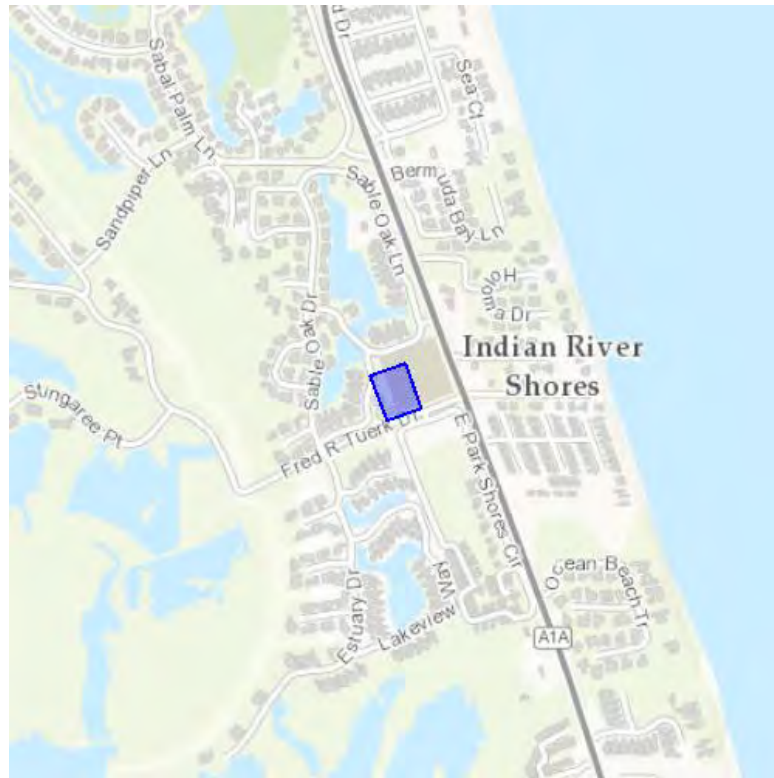
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-80.37324070930481 27.69257947810686, -80.37240386009216 27.69283834977207, -80.37202298641205 27.691902608925357, -80.37284106016159 27.691617610119714, -80.37324070930481 27.69257947810686)))

Project Counties: Indian River, FL



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Endangered Species Act Species List

There are a total of 23 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Birds	Status	Has Critical Habitat	Condition(s)
Audubon's crested caracara (<i>Polyborus plancus audubonii</i>) Population: FL pop.	Threatened		
Everglade Snail kite (<i>Rostrhamus sociabilis plumbeus</i>) Population: Wherever found	Endangered	Final designated	
Florida scrub-jay (<i>Aphelocoma coerulescens</i>) Population: Wherever found	Threatened		
Ivory-Billed woodpecker (<i>Campephilus principalis</i>) Population: Wherever found	Endangered		
Piping Plover (<i>Charadrius melodus</i>) Population: except Great Lakes watershed	Threatened	Final designated	
Red Knot (<i>Calidris canutus rufa</i>) Population: Wherever found	Threatened		
Red-Cockaded woodpecker (<i>Picoides borealis</i>) Population: Wherever found	Endangered		



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Whooping crane (<i>Grus americana</i>) Population: U.S.A. (CO, ID, FL, NM, UT, and the western half of Wyoming)	Experimental Population, Non- Essential		
Wood stork (<i>Mycteria americana</i>) Population: AL, FL, GA, MS, NC, SC	Threatened		
Fishes			
Smalltooth sawfish (<i>Pristis pectinata</i>) Population: United States DPS	Endangered		
Flowering Plants			
Fragrant prickly-apple (<i>Cereus eriphorus var. fragrans</i>) Population: Wherever found	Endangered		
Johnson's seagrass (<i>Halophila johnsonii</i>) Population: Wherever found	Threatened	Final designated	
Lakela's mint (<i>Dicerandra immaculata</i>) Population: Wherever found	Endangered		
Insects			
Miami Blue Butterfly (<i>Cyclargus (=hemiargus) thomasi bethunebakeri</i>) Population: Wherever found	Endangered		
Mammals			
Florida panther (<i>Puma (=felis) concolor coryi</i>) Population: Wherever found	Endangered		
puma (<i>Puma (=felis) concolor (all subsp. except coryi)</i>)	Similarity of Appearance		



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Population: FL	(Threatened)		
Southeastern Beach mouse (<i>Peromyscus polionotus niveiventris</i>) Population: wherever found	Threatened		
West Indian Manatee (<i>Trichechus manatus</i>) Population: Wherever found	Endangered	Final designated	
Reptiles			
American alligator (<i>Alligator mississippiensis</i>) Population: Wherever found	Similarity of Appearance (Threatened)		
Atlantic Salt Marsh snake (<i>Nerodia clarkii taeniata</i>) Population: Wherever found	Threatened		
Eastern Indigo snake (<i>Drymarchon corais couperi</i>) Population: Wherever found	Threatened		
Hawksbill sea turtle (<i>Eretmochelys imbricata</i>) Population: Wherever found	Endangered	Final designated	
Leatherback sea turtle (<i>Dermochelys coriacea</i>) Population: Wherever found	Endangered	Final designated	



United States Department of Interior
Fish and Wildlife Service

Project name: Indian River Shores 2

Critical habitats that lie within your project area

There are no critical habitats within your project area.

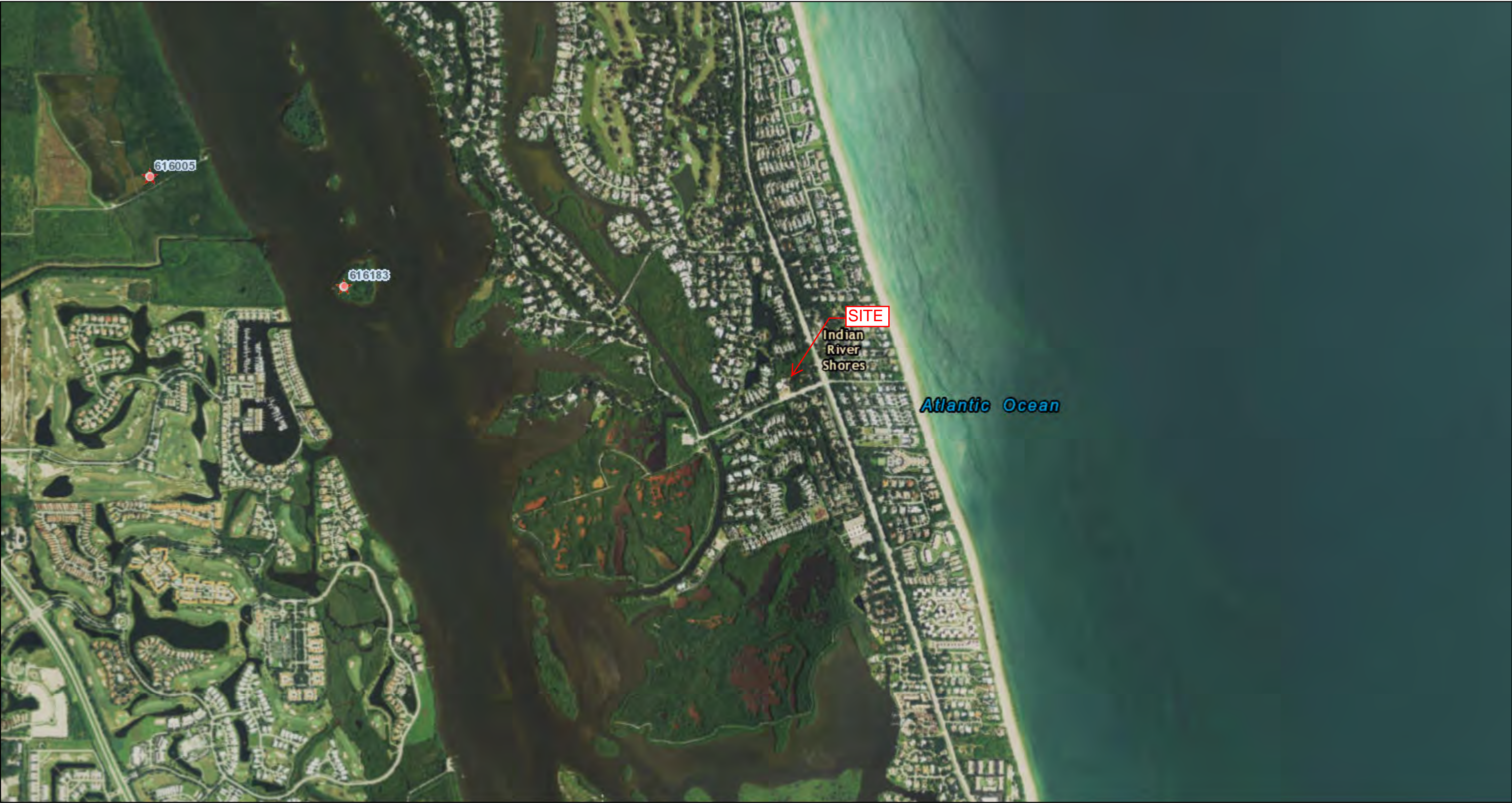
Critical Habitat for Threatened & Endangered Species [USFWS]

A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.



U.S. Fish and Wildlife Service | Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community | Esri, HERE, DeLorme, iPC

Florida Wood Stork Colonies



September 19, 2016

Water Bird Colonies - Florida

- Active
- Inactive
- Not checked

Water Bird Colony Species - 90s

- Active

Water Bird Colony Species - 70s

- Inactive
- Not checked

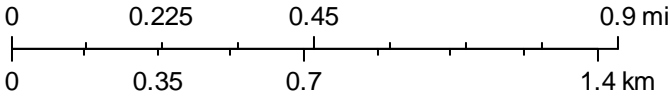
Water Bird Colony Species - 80s

- Active
- Inactive
- Unknown

Water Bird Colony Species - 90s

- Active
- Unknown

1:18,056



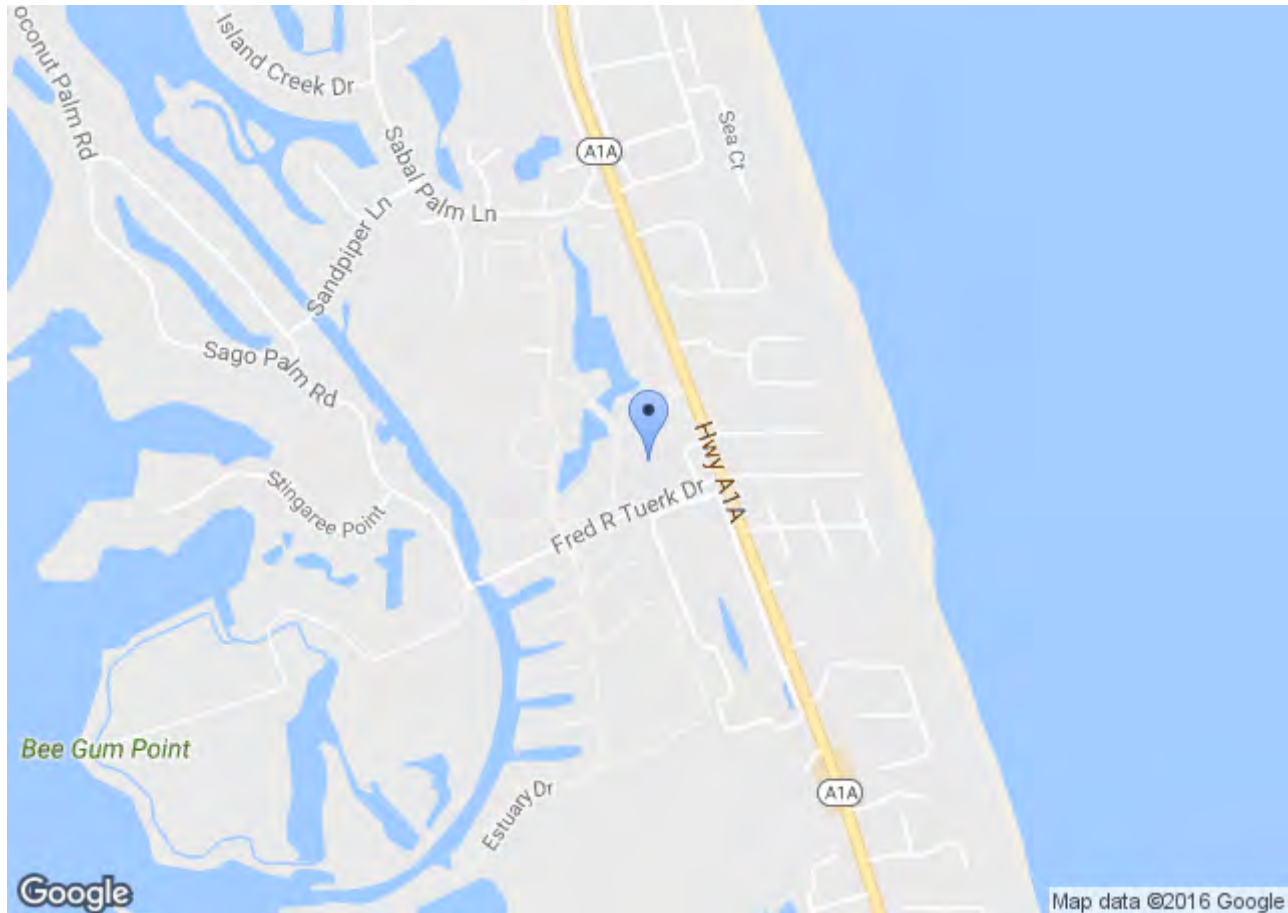
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

This report was generated using the bald eagle nest locator at <https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx> on 9/19/2016 12:49:38 PM.

Search Entered: Within 1 miles of latitude 27.6924527777778 and longitude -80.3725805555555; All Search Results

0 record(s) were found; 0 record(s) are shown

Bald Eagle Nest Map:



Bald Eagle Nest Data Search Results:

Results per page: ▼

"Y" denotes an active nest
"N" denotes an inactive nest
"-" denotes an unobserved nest

"U" denotes a nest that was visited but status was undetermined
"*" denotes a nest that was not surveyed

ATTACHMENT D

Tower Site Evaluation Form

TOWER SITE EVALUATION FORM

1. Location (Provide maps if possible):

State: FL County: Indian River

Latitude/Longitude/GPS Grid: N 27° 41' 32.8" W 80° 22' 21.3"

Directions: Site is located behind Indian River Shores Fire Department located at 6001 Florida A1A, Vero Beach, FL 32963.

2. Elevation above mean sea level: ~3 feet

3. Will the equipment be co-located on an existing **FCC licensed tower** or other existing structure (building, billboard, etc.)? (y/n) No If yes, type of structure: _____

If yes, no further information is required.

4. If no, provide proposed specifications for new tower:

Height 115' Construction type (lattice, monopole, etc.): Monopine

Guy-wired? (y/n) No No. Bands: NA Total No. Wires: NA

Lighting (Security & Aviation): None

If tower will be lighted or guy-wired, complete items 5-19. If not, complete only items 19 and 20.

5. Area of tower footprint in acres or square feet: _____

6. Length and width of access road in feet: _____

7. General description of terrain – mountainous, rolling hills flat to undulation, etc. Photographs of the site and surrounding area are beneficial: _____

8. Meteorological conditions (incidence of fog, low ceilings, etc.): _____

9. Soil type(s): _____

10. Habitat types and land use on and adjacent to the site, by acreage and percentage of total: _____

11. Dominant vegetative species in each habitat: _____

12. Average diameter breast height of dominant tree species in forested areas: _____

13. Will construction at this site cause fragmentation of a larger block of habitat into two or more smaller blocks? (y/n) _____ If yes, describe: _____

14. Is evidence of birds roosts or rookeries present? (y/n) _____ If yes, describe: _____

15. Distance to nearest wetland area (forested swamp, marsh, riparian, marine, etc.), and coastline if applicable:_____
16. Distance to nearest telecommunications tower:_____
17. Potential for co-location of antennas on existing towers or other structures:_____
18. Have measures been incorporated to minimizing impacts to migratory birds? (y/n)_____
19. Has an evaluation been made to determine if proposed facility may affect listed or proposed endangered or threatened species or their habitat as required by FCC regulation at 47 CFR 1.1307(a)(3)? (y/n)Yes If, yes present findings:_____ No Effect.
20. Additional information required:

ATTACHMENT E

Qualified Biologist Resume



Grant Burnham, MEA, REP

Principal Scientist

1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004

(770) 667-2040 Ext. 117

grant.burnham@eca-usa.com

EDUCATION

North Carolina State University

Masters of Environmental Assessment, 2012-2014

Raleigh, NC

University of Georgia

Bachelor of Science, Ecology, 2004-2008

Bachelor of Science, Biology, 2004-2008

Athens, GA

Short Courses/Specialized Training

TN Department of Environment & Conservation – Hydrologic Determination Training	August 2016
D&D W.E.S.T. – ESA Section 7, Interagency Consultation	February 2016
OSHA – 40 Hour HAZWOPER Training	November 2015
Atkins North America - Surface Water Identification and Training Course	October 2013
The Environmental Institute – Asbestos Inspection and Assessment Refresher	October 2013
GDOT/USACE/GEPA/FHWA/NMFS - Ecology and Consultant Workshop	September 2013
Georgia Department of Transportation - Worksite Erosion Control Supervisor Course	September 2013
Georgia Department of Transportation - Planning Development Process LITE	August 2013
D&D W.E.S.T. - Wetland Plant Identification (Coastal Plain)	May 2013
Georgia Department of Transportation - Environmental Procedures Manual (Ecology)	March 2013
National Highway Institute - Introduction to NEPA and Transportation Decision-Making	March 2013
The Environmental Institute – Asbestos Inspection and Assessment Refresher	October 2012
D&D W.E.S.T. - Basic Wetland Delineation	October 2011
The Environmental Institute – Asbestos Inspection and Assessment	October 2011

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS:

National Registry of Environmental Professionals, Registered Environmental Professional (REP), 2015 – Present

EPA/AHERA Accredited Asbestos Inspector, 2011 - Present

PROFESSIONAL EXPERIENCE

June 2008 – Present

Environmental Corporation of America

Alpharetta, GA

Position: Principal Scientist

Responsibilities:

- Managing FCC National Environmental Policy Act (NEPA) Checklist and Environmental Assessment (EA) evaluations for proposed telecommunications facilities.
- Preparation of USFWS consultation documentation, Informal Biological Assessments (IBA), Section 106 Review documentation, and Archaeological Surveys.
- Perform Wetlands/Waters Determination/Delineations, Flood Plain Evaluations, and species specific surveys (including field data collection, data reduction, and report preparation).
- Managing and completing Phase I and Phase II Environmental Site Assessments (ESAs)
- Client Manager responsibilities include acting as an advocate on the client's behalf when interacting with government offices and agencies, educating the client about the general process and procedures involved in project completion, ensuring prompt delivery of products and services, preparing weekly updates for ongoing projects, and proposal preparation.

REPRESENTATIVE EXPERIENCE

Have experience working and/or writing reports for projects in Alabama, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New Mexico, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, and Wisconsin.

FCC National Environmental Policy Act (NEPA) Evaluation Checklist Reports for Telecommunications Projects

Evaluation of proposed undertakings for adverse environmental impacts or effects, as defined in the FCC Rules contained in 47 CFR Sections 1.1301 through 1.1319.

Environmental Assessment (EA) Reports for Telecommunications Projects

In accordance with 47 CFR, Section 1.1307, provide a determination as to whether environmental impacts are likely to result from the installation of a proposed telecommunications facility and submit for FCC review, comment, and ultimate receipt of a Finding of No Significant Impact (FONSI) determination.

Wetlands and Waters Determination/Delineation Reports

Delineate and characterize waters and wetlands that may be located within a project area in accordance with accepted United States Army Corps of Engineers guidance.

USFWS Endangered/Threatened Species Surveys

Survey project areas to determine the presence of potential habitat or specific species so that recommendations, considering the Endangered Species Act, can be made. Species surveyed include, but are not limited to, Alabama leather leaf, Georgia aster, Indiana bat, Missouri bladderpod, and Reclit trillium.

Osprey/Bald Eagle Nest Investigations

Determine the activity status of reported osprey or bald eagle nests on telecommunications towers so that recommendations regarding the timing of planned construction/installation/maintenance activities can be made.

Section 106 Review Documentation/Archaeological Assessments for Telecommunications Projects

These reports are compiled in accordance with the Nationwide Programmatic Agreement (NPA), effective March 7, 2005, and in conjunction with the requirements of the local State Historic Preservation Office to determine if proposed telecommunications projects will have adverse impacts on Historic Properties within the Area of Potential Effects. Duties include conducting research of the appropriate State Historic Preservation Office (SHPO) files and reference materials, performing Archaeological Surveys at the direction of a Secretary of the Interior (SOI) Qualified Archaeologist/Registered Professional Archaeologist, and authoring reports associated with those assessments.

Phase I and Phase II Environmental Site Assessment Reports

Determine whether or not a "recognized environmental conditions (REC)" exists in connection with the Property, in accordance with ASTM E1527-13, by means of record reviews, site reconnaissance, interviews, and preparation of the report. Should a REC be identified, sampling and analysis of soil and/or groundwater for potential contaminants (such as BTEX, PCBs, VOCs, PAHs, Lead, etc.) may be applicable.

Operations and Maintenance Plan for Hazardous Materials

Define the general protocols to be followed by personnel engaged in construction and ongoing operations that may involve hazardous materials within the project area and/or at the subject facility.

Asbestos-Containing Materials Surveys

Determine whether suspect building materials that may be disturbed by installation activities, or otherwise, contain greater than 1% asbestos in accordance with AHERA guidelines. Recommendations with respect to AHERA, OSHA, NESHAP, or other federal/state/municipal regulations are made.

Lead-Based Paint Surveys

Determine the lead concentrations of painted building components that may be disturbed during construction, renovation, and/or installation activities. Recommendations with respect to OSHA, RCRA, and/or other federal/state/municipal regulations are made.

Radon Surveys

Determine whether elevated levels of radon are present within a building.

OTHER RELATED EXPERIENCE

January 2006 – May 2008

University of Georgia

Athens, GA

Positions: Marine Science Laboratory Technician
Aquatic Ecology Laboratory Technician
Organismal Biology Teaching Intern
Freshman Chemistry II Peer Tutor

APPENDIX E

Historic and Archaeological Documentation



FLORIDA DEPARTMENT *of* STATE

RICK SCOTT
Governor

KEN DETZNER
Secretary of State

Ms. Karen Sauler
Environmental Corp. of America
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004

September 16, 2016

RE: DHR Project File No.: 2016-3376/ Received by DHR: August 16, 2016
Federal Communication Commission/ TCNS #141226
Proposed 115 Foot Tall Monopine Structure
Indian River Shores 2, Fred R Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #S0910

Ms. Sauler:

Our office reviewed the referenced project for possible impact to historic properties listed, or eligible for listing, in the National Register of Historic Places. The review was conducted in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, 36 CFR Part 800: Protection of Historic Properties, and the National Environmental Policy Act of 1969, as amended.

Based on the information provided, and a review of our records, this office concurs that the proposed undertaking will have no direct effects and no visual effects on historic properties.

For any questions concerning our comments, please contact Robin Jackson, Historic Preservationist, Compliance and Review, by electronic mail at robin.jackson@dos.myflorida.com, or at 850.245.6496, or 800.847.7278.

Sincerely,

For
Timothy A. Parsons, Ph.D., RPA
Director, Division of Historical Resources and
State Historic Preservation Officer

Treasure Coast Newspapers

TCPALM

Indian River Press Journal
1801 U.S. 1, Vero Beach, FL 32960
AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA

COUNTY OF INDIAN RIVER

Before the undersigned authority personally appeared, Sherri Cipriani, who on oath says that she is Classified Inside Sales Manager of the Indian River Press Journal, a daily newspaper published at Vero Beach in Indian River County, Florida: that the attached copy of advertisement was published in the Indian River Press Journal in the following issues below. Affiant further says that the said Indian River Press Journal is a newspaper published in Vero Beach in said Indian River County, Florida, and that said newspaper has heretofore been continuously published in said Indian River County, Florida, daily and distributed in Indian River County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The Indian River Press Journal has been entered as Periodical Matter at the Post Offices in Vero Beach, Indian River County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Customer	Ad Number	Copyline	PO #
469983 - ENVIRONMENTAL CORP OF AMERICA	1219325	Notice: 115 ft Tower Construction	115 Ft Tower

Pub Dates

August 12, 2016

Sworn to and subscribed before me this day of, August 11, 2016, by

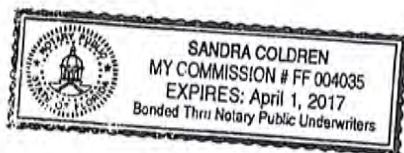
Sherri Cipriani, who is

(X) personally known to me or

() who has produced _____ as identification.

RECEIVED
AUG 16 2016
BY: _____

Sandra Coldren
Sandra Coldren Notary Public



Environmental Corporation of Ameri...

N/A

Section-Page-Zone(s): E4-A11

Notice: 115 ft Tower Construction

Advertiser:

Agency:

x 33 ag

Notice To Creditors

IN THE CIRCUIT COURT OF THE NINETEENTH JUDICIAL CIRCUIT IN AND FOR ST. LUCIE COUNTY, FLORIDA PROBATE DIVISION
File No.: 2016-CP-000537

IN RE: ESTATE OF JEANETTE ELIZABETH KARGEL, Deceased

NOTICE TO CREDITORS
The administration of the estate of JEANETTE ELIZABETH KARGEL, deceased, whose date of death was January 31, 2015, is pending in the Circuit Court for St. Lucie County, Florida, Probate Division, the address of which is P. O. Box 700, Port St. Lucie, Florida 34954. The names and addresses of the personal representative and the personal representative's attorney are set forth below.

All creditors of the decedent and other persons having claims or demands against decedent's estate, on whom a copy of this notice is required to be served, must file their claims with this court ON OR BEFORE THE LATE OF 3 MONTHS AFTER THE TIME OF THE FIRST PUBLICATION OF THIS NOTICE OR 30 DAYS AFTER THE DATE OF SERVICE OF A COPY OF THIS NOTICE ON THEM.

All other creditors of the decedent and other persons having claims or demands against decedent's estate must file their claims with this court WITHIN 3 MONTHS AFTER THE DATE OF THE FIRST PUBLICATION OF THIS NOTICE.

ALL CLAIMS NOT FILED WITHIN THE TIME PERIODS SET FORTH IN FLORIDA STATUTES SECTION 733.702 WILL BE FOREVER BARRED.

NOTWITHSTANDING THE TIME PERIOD SET FORTH ABOVE, ANY CLAIM FILED TWO (2) YEARS OR MORE AFTER THE DECEDENT'S DATE OF DEATH IS BARRED.

The date of first publication of this notice is: August 5, 2016.
Personal Representative: COLLENE MARION MORRIS 4852 Hillvale Avenue, North Oakdale, Minnesota 55128
Attorney for Personal Representative:

Notice To Creditors

CAROLYN T. LEBOEUF, ESQ.
Florida Bar No. 9362409
909 East Park Avenue
Tallahassee, Florida 32301
Telephone: (850) 222-2000
Facsimile: (850) 222-9757
Email: carolyn@tallahassee-attorneys.com
Secondary Email: bea@tallahasseeattorneys.com
Pub: August 5, 12, 2016
TCN 1209106

IN THE CIRCUIT COURT FOR INDIAN RIVER COUNTY, FLORIDA PROBATE DIVISION
File No. 312016CP00064

IN RE: ESTATE OF GAIL VOGELIN PARTEE a/k/a GAIL V. PARTEE Deceased.

NOTICE TO CREDITORS
The administration of the estate of GAIL VOGELIN PARTEE a/k/a GAIL V. PARTEE, deceased, whose date of death was May 29, 2015, is pending in the Circuit Court for Indian River County, Florida, Probate Division, the address of which is 2000 16th Avenue, Vero Beach, Florida 32960. The names and addresses of the personal representative and the personal representative's attorney are set forth below.

All creditors of the decedent and other persons having claims or demands against decedent's estate on whom a copy of this notice is required to be served must file their claims with this court WITHIN THE LATER OF 3 MONTHS AFTER THE TIME OF THE FIRST PUBLICATION OF THIS NOTICE OR 30 DAYS AFTER THE DATE OF SERVICE OF A COPY OF THIS NOTICE ON THEM.

All other creditors of the decedent and other persons having claims or demands against decedent's estate must file their claims with this court WITHIN 3 MONTHS AFTER THE DATE OF THE FIRST PUBLICATION OF THIS NOTICE.

ALL CLAIMS NOT SO FILED WITHIN THE TIME PERIODS SET FORTH IN SECTION 733.702 OF THE FLORIDA PROBATE CODE WILL BE FOREVER BARRED.
NOTWITHSTANDING THE TIME

Notice To Creditors

PERIODS SET FORTH ABOVE, ANY CLAIM FILED TWO (2) YEARS OR MORE AFTER THE DECEDENT'S DATE OF DEATH IS BARRED.

The date of first publication of this notice is August 12, 2016.

Personal Representative: Eric D. Partee
931 Lough Mill Road
Great Falls, VA 22066
Attorney for Personal Representative: Tyler O. Puttick, Esq.
E-Mail Address: tputtick@blocklaw.org
Florida Bar No. 0111713
1555 Indian River Blvd., Suite B-125
Vero Beach, FL 32960
Telephone: (772) 794-1918
Pub: August 12, 19, 2016
TCN 1221171

IN THE CIRCUIT COURT FOR INDIAN RIVER COUNTY, FLORIDA PROBATE DIVISION
File No.: 312016CP000544XXXXX

IN RE: ESTATE OF RICHARD T. POWELL, Deceased.

NOTICE TO CREDITORS
The administration of the estate of Richard T. Powell, deceased, whose date of death was January 14, 2015, is pending in the Circuit Court for INDIAN RIVER County, Florida, Probate Division, the address of which is P.O. Box 1028, Vero Beach, FL 32961-1028. The names and addresses of the personal representative and the personal representative's attorney are set forth below.

All creditors of the decedent and other persons having claims or demands against decedent's estate on whom a copy of this notice is required to be served must file their claims with this court ON OR BEFORE THE LATER OF 3 MONTHS AFTER THE TIME OF THE FIRST PUBLICATION OF THIS NOTICE OR 30 DAYS AFTER THE DATE OF SERVICE OF A COPY OF THIS NOTICE ON THEM.

All other creditors of the decedent and other persons having claims or demands against decedent's estate

Notice To Creditors

must file their claims with this court WITHIN 3 MONTHS AFTER THE DATE OF THE FIRST PUBLICATION OF THIS NOTICE.

ALL CLAIMS NOT FILED WITHIN THE TIME PERIODS SET FORTH IN FLORIDA STATUTES SECTION 733.702 WILL BE FOREVER BARRED.

NOTWITHSTANDING THE TIME PERIODS SET FORTH ABOVE, ANY CLAIM FILED TWO (2) YEARS OR MORE AFTER THE DECEDENT'S DATE OF DEATH IS BARRED.

The date of first publication of this notice is August 5, 2016.

Personal Representative: Kenneth R. Powell
3850 Timlott Court
Palo Alto, CA 94306
Attorney for Personal Representative: Adele Small Harris
Florida Bar Number: 669946
2075 PCA Boulevard, Suite 100
PALM BEACH GARDENS, FL 33410
Tel.: (561) 625-1100
Fax: (561) 625-0060
E-Mail: kfp@karpplaw.com
Secondary E-Mail: aharris@karpplaw.com
Pub: August 5, 12, 2016
TCN 1211875

Other Public Notices

NOTICE

Datapath Tower proposes to construct a 115-foot overall height monopole telecommunications structure. The proposed facility would be located off Fred R. Tuero Drive, Indian River Shores, Indian River County, Florida. Datapath Tower invites comments from any interested party on the impact the tower may have on any districts, sites, buildings, structures or objects significant in American history, archaeology, engineering or culture that are listed or determined eligible for listing in the National Register of Historic Places. Comments may be sent to Environmental Cor-



Other Public Notices

poration of America, ATTN: Dina Bazzili, 1375 Union Hill Industrial Court, Suite A, Alpharetta, Georgia 30004. Comments must be received within 30 days. For questions please call Dina Bazzili 770-667-2040x111, 50910.
Pub: August 12, 2016
TCN 1219325

Public Notices

NOTICE OF PUBLIC MEETING

Notice is hereby given of the regular meeting of the Children's Services Council of Martin County (CSCMC) to be held at 101 SE Central Parkway, Stuart, Florida 34994 on Monday, August 22, 2016, at 10:00 AM.

Matters affecting your personal and property rights may be heard and acted upon. All interested persons are invited to attend. Assistance for the handicapped may be arranged by contacting the office.

IF ANY PERSON DECIDES TO APPEAL ANY DECISION MADE WITH RESPECT TO ANY MATTER CONSIDERED AT THE MEETINGS OR HEARINGS OF ANY BOARD, COMMITTEE, COMMISSION, AGENCY, COUNCIL, OR ADVISORY GROUP, THAT PERSON WILL NEED A RECORD OF THE PROCEEDINGS AND, FOR

Public Notices

SUCH PURPOSE, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD SHOULD INCLUDE THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.
Pub: August 12, 2016
TCN 1217343

PUBLIC NOTICE
CITY OF FORT PIERCE
HISTORIC PRESERVATION BOARD

NOTICE IS HEREBY GIVEN that the Historic Preservation Board of the City of Fort Pierce, Florida will hold a Public Meeting on Monday, August 22, 2016 at 6:00 p.m. in the City of Fort Pierce Commission Chambers located at City Hall, 100 North U.S. Highway #1, Fort Pierce, Florida. The public hearings will be on the consideration of the following application:

- 1) Certificate of Appropriateness 16-43. Application submitted by J.A. Taylor Roofing Inc. authorized by the Property Owner, St. Andrews Episcopal Church, to install new roof materials on the St. Andrews Episcopal Church Sanctuary located on a designated historic site at 210 South Indian River Drive. The Parcel ID is 2410-801-0901-000-1. The legal description

PUBLIC SALE

NOTICE IS HEREBY GIVEN that the undersigned intends to sell the personal property described below to enforce a lien imposed on said property under The Florida Self Storage Facility Act Statutes (Sections 83.801-83.809). The undersigned will sell at public sale by competitive bidding on Monday the 22nd of August 2016, scheduled to begin at 1:30 PM, on the premises where said property has been stored and which is located at StoreRight Self Storage, 5355 US Highway One, City of Vero Beach, County of Indian River, State of Florida, the following:

Name:	Unit#	Contents
Richard Seymour	7002	HHG
Steven Hogan	7034	HHG
James Byrd	7038	HHG
Elizabeth Peterson	7049	HHG
Karla Jo Irving	8053	HHG

Purchases must be paid for at the time of purchase by cash only. All purchased items are sold as is, where is, and must be removed at the time of the sale. Sale is subject to cancellation in the event of settlement owner and obligated party.
Pub: August 5, 12, 2016
TCN 1199228

IN THE CIRCUIT COURT, NINETEENTH JUDICIAL CIRCUIT, IN AND FOR ST. LUCIE COUNTY, FLORIDA
CASE NO.: 16-2014-CA-002218
DIVISION: B3

SUMMITBRIDGE NATIONAL INVESTMENTS IV LLC,
Plaintiff,
vs.
PARS PROPERTIES, LLC, a Florida limited liability company, THE OLAMA CORPORATION, a Florida corporation, HOSSEIN OLAMA, an individual, and the UNITED STATES SMALL BUSINESS ADMINISTRATION, an agency of The United States of America,
Defendants.

AMENDED NOTICE OF SALE

Notice is hereby given that, pursuant to a Summary Final Judgment of Foreclosure in the above-captioned action, I will sell the real and personal property situated in St. Lucie County, Florida, described as follows:

SEE EXHIBIT "A" ATTACHED HERETO.

at public sale, to the highest and best bidder for cash, at <https://stlucieclerk.clerksauktion.com>, on the 21st day of September, 2016, at 8:00 a.m., pursuant to the terms of the Summary Final Judgment of Foreclosure and in accordance with Section 45.031, Florida Statutes. Any person claiming an interest in the surplus from the sale, if any, other than (i) the property owner as of the date of the lis pendens and (ii) the United States of America, on behalf of the U.S. Small Business Administration, must file a claim within 60 days after the sale.

EXHIBIT "A"
The "Land":



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Section 106 Review

TCNS ID 141226

Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure

Indian River Shores 2

Fred R. Tuerk Drive
Indian River Shores, Indian River
County, Florida

ECA Project No. S0910



SUBMITTED TO:

Mr. Robert Bendus, Director
Division of Historical Resources
Office of Compliance and Review
500 S. Bronough Street, Room 423
Tallahassee, FL 32399-0250

PREPARED BY:

Environmental Corporation of America
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

August 11, 2016

Division of Historical Resources
Office of Compliance and Review
500 S. Bronough Street, Room 423
Tallahassee, FL 32399-0250

Attention: **Robert Bendus**
Director of Historical Resources and State Historic Preservation Officer

Subject: **Section 106 Review**
TCNS ID #141226
Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910

Dear Mr. Bendus:

Environmental Corporation of America's (ECA) client, Datapath Tower, is proposing to lease a 50-foot by 50-foot (15-meter by 15-meter) area for the construction of a telecommunications facility as described in the following FCC Form 620, New Tower (NT) Submission Packet. The facility would consist of a 115-foot tall (overall height) monopine telecommunications structure and associated ground-level support equipment. The facility would be accessible by a proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement. The proposed undertaking would also include a proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement.

ECA has identified and evaluated Historic Properties, if any, within the Area of Potential Effect (APE) for visual and direct effects as directed in Section VI.D.1 and 2 of the Nationwide Programmatic Agreement, effective on March 7, 2005. We have found no properties listed in the National Register of Historic Places (NRHP) within either APE.

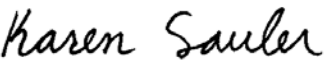
A search of the Florida Master Site File (FMSF) identified no previously recorded historic structures within the ½-mile APE for visual effects.


An Archaeological Assessment was conducted within the APE for direct effects. The Florida Master Site File identified two previously recorded archaeological sites (*IR00025A* and *IR00032*) and nine previously identified archaeological surveys (*15701*, *17297*, *22862*, *22863*, *22864*, *22865*, *22866*, *12623*, and *12630*) within a 1-mile research radius of the proposed undertaking. No archaeological sites or surveys were identified within the APE for direct effects for the current undertaking. During our fieldwork we uncovered no archaeological cultural artifacts (see Attachment E-1c). Based on our findings, we recommend no further consultation under Section 106 Review of the National Historic Preservation Act for this proposed undertaking.

Based on this documentation, prepared in accordance with the Nationwide Programmatic Agreement effective March 7, 2005, ECA believes that this proposed facility would have no effect on any Historic Properties identified in accordance with the NPA. Therefore, we recommend a finding of "No Effect" for the proposed undertaking.

We are submitting this letter for Datapath Tower to seek concurrence with this finding and to comply with Federal Communications Commission (FCC) requirements as identified in 47 CFR 1.1307. We request your concurrence with our finding. Please contact our office with any questions or comments.

Sincerely,
Environmental Corporation of America


Karen Sauler, EIT
Project Manager


Autumn Dubois, MA, RPA
Principal Investigator

General Information

1) (Select only one) (NE NE – New UA – Update of Application WD – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN):
4) Name: Datapath Tower

Contact Name

5) First Name: Nick	6) MI:	7) Last Name: D'Amico	8) Suffix:
9) Title: Director of Site Operations			

Contact Information

10) P.O. Box: 66478	And /Or	11) Street Address:	
12) City: St. Pete Beach		13) State: FL	14) Zip Code: 33736
15) Telephone Number: (813) 967-7164		16) Fax Number: ()	
17) E-mail Address: nick@datapathtower.com			

Consultant Information

18) FCC Registration Number (FRN): 0011662921
19) Name: Environmental Corporation of America

Principal Investigator

20) First Name: Dina	21) MI: M	22) Last Name: Bazzill	23) Suffix:
24) Title: MA, RPA - Principal Archaeologist / Principal Historian			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 1375 Union Hill Industrial Court, Suite A	
27) City: Alpharetta		28) State: GA	29) Zip Code: 30004
30) Telephone Number: (770) 667-2040 ext. 111		31) Fax Number: (770) 667-2041	
32) E-mail Address: dina.bazzill@eca-usa.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian (<input checked="" type="checkbox"/>) Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
--	--

If "Yes", complete the following:

36) First Name: Autumn	37) MI: A	38) Last Name: Dubois	39) Suffix:
40) Title: MA, RPA - Principal Archaeologist / Principal Historian			
41) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian (<input checked="" type="checkbox"/>) Historian () Architect () Other (Specify) _____			

This page may be copied to include additional staff.**Consultant Information Attachments required – See instructions for details.**

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian (<input checked="" type="checkbox"/>) Historian () Architect () Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
--	--

If "Yes", complete the following:

36) First Name: Joe	37) MI:	38) Last Name: Anderson	39) Suffix:
40) Title: MA - Project Archaeologist			
41) Areas of Professional Qualification: (<input checked="" type="checkbox"/>) Archaeologist () Architectural Historian (<input checked="" type="checkbox"/>) Historian () Architect () Other (Specify) _____			

This page may be copied to include additional staff.**Consultant Information Attachments required – See instructions for details.**

Site Information

Tower Construction Notification System

1) TCNS Notification Number: 141226

Site Information

2) Site Name: Indian River Shores 2

3) Site Address: Fred R. Tuerk Drive

4) City: Indian River Shores

5) State: FL

6) Zip Code:

7) County/Borough/Parish: Indian River

8) Nearest Crossroads: Fred R. Tuerk Drive and State Road A1A

9) NAD 83 Latitude (DD-MM-SS.S): 27-41-32.8

(☒) N or () S

10) NAD 83 Longitude (DD-MM-SS.S): 80-22-21.3

() E or (☒) W

Tower Information

11) Tower height above ground level (include top-mounted attachments such as lightning rods): 115 _____ (☒) Feet () Meters

12) Tower Type (Select One):

() Guyed lattice tower

() Self-supporting lattice

() Monopole

(☒) Other (Describe): Monopine

Project Status

13) Current Project Status (Select One):

(☒) Construction has not yet commenced

() Construction has commenced, but is not completed

Construction commenced on: ____/____/____

() Construction has been completed

Construction commenced on: ____/____/____

Construction completed on: ____/____/____

Site Information Attachments required – See instructions for details.

Determination of Effect

14) Direct Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- (☒) No Historic Properties in Area of Potential Effects (APE)
- (☐) No Effect on Historic Properties in APE
- (☐) No Adverse Effect on Historic Properties in APE
- (☐) Adverse Effect on one or more Historic Properties in APE

Determination of Effect Attachments required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects? (<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>	
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>141226</u>	Number of Tribes/NHOs: <u>5</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>NA</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Miccosukee Tribe of Indians of Florida

Contact Name

5) First Name: <u>Fred</u>	6) MI:	7) Last Name: <u>Dayhoff</u>	8) Suffix:
9) Title: <u>NAGPRA & Section 106 Representative</u>			

Dates & Response

10) Date Contacted <u>7/22/16</u>	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other <u>Requested 30-Day Response Limit Agreement</u>	

This page may be copied to include additional Tribes/NHOs contacted.

Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects? (<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>	
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>141226</u>	Number of Tribes/NHOs: <u>5</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>NA</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <u>Seminole Tribe of Florida</u>

Contact Name

5) First Name: <u>Bradley</u>	6) MI: <u>M</u>	7) Last Name: <u>Mueller</u>	8) Suffix:
9) Title: <u>Compliance Review Supervisor</u>			

Dates & Response

10) Date Contacted <u>7/22/16</u>	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other <u>Requested Section 106 Review documentation and review fee</u>	

This page may be copied to include additional Tribes/NHOs contacted.

Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects? (<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>	
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>141226</u>	Number of Tribes/NHOs: <u>5</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>NA</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Seminole Nation of Oklahoma

Contact Name

5) First Name:	6) MI:	7) Last Name:	8) Suffix:
9) Title: Historic Preservation Officer			

Dates & Response

10) Date Contacted <u>7/22/16</u>	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other <u>Requested 30-Day Response Limit Agreement</u>	

This page may be copied to include additional Tribes/NHOs contacted.

Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects? (<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>	
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>141226</u>	Number of Tribes/NHOs: <u>5</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>NA</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Muscogee (Creek) Nation

Contact Name

5) First Name: <u>Corain</u>	6) MI:	7) Last Name: <u>Lowe-Zepeda</u>	8) Suffix:
9) Title: <u>TCNS Coordinator</u>			

Dates & Response

10) Date Contacted <u>7/22/16</u>	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other <u>Requested Section 106 Review documentation, SHPO response, and review fee</u>	

This page may be copied to include additional Tribes/NHOs contacted.

Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects? (<input checked="" type="checkbox"/>) <u>Yes</u> () <u>No</u>	
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>141226</u>	Number of Tribes/NHOs: <u>5</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>NA</u>

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Eastern Shawnee Tribe of Oklahoma

Contact Name

5) First Name: <u>Travis</u>	6) MI:	7) Last Name: <u>Patton</u>	8) Suffix:
9) Title: <u>TCNS Coordinator</u>			

Dates & Response

10) Date Contacted <u>7/22/16</u>	11) Date Replied _____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
(<input checked="" type="checkbox"/>) Replied/Other <u>Requested Archaeological Assessment, SHPO response, and review fee</u>	

This page may be copied to include additional Tribes/NHOs contacted.

Tribal/NHO Involvement Attachments may be required – See instructions for details.

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number: ()		14) Fax Number: ()	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted ____/____/____	18) Date Replied ____/____/____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

This page may be copied to include additional Tribes/NHOs.

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es () <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

This page may be copied to include additional Historic Properties.
Historic Property Attachments required – See instructions for details.

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Town of Indian River Shores

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title: To Whom It May Concern			

Contact Information

8) P.O. Box:	And /Or	9) Street Address: 6001 Highway A-1-A	
10) City: Indian River Shores		11) State: FL	12) Zip Code: 32963
13) Telephone Number: ()		14) Fax Number: ()	
15) E-mail Address:			
16) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both			

Dates & Response

17) Date Contacted 8 / 11 / 16	18) Date Replied ____ / ____ / ____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

19) Information on local government's role or interest (optional):
--

This page may be copied to include additional local government agencies.
Local Government Attachments required – See instructions for details.

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name:

Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address:	
11) City:		12) State:	13) Zip Code:
14) Telephone Number: ()		15) Fax Number: ()	
16) E-mail Address:			
17) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

18) Date Contacted ____/____/____	19) Date Replied ____/____/____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

20) Information on other consulting parties' role or interest (optional):

This page may be copied to include additional consulting parties.
Consulting Parties Attachments required – See instructions for details.

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: Mr. Robert Bendus, Director - Division of Historical Resources

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____


SHPO/THPO Name: _____

Designation of SHPO/THPO Attachments may be required – See instructions for details.

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: <u>Autumn</u>	MI: <u>A</u>	Last Name: <u>Dubois</u>	Suffix: _____
Signature: 			Date: <u>8.11.16</u>

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachment A

Consultant Information

Resume/Curriculum Vitae



Dina M. Bazzill, MA, RPA

Principal Archaeologist/Historian
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040 Ext. 111
dina.bazzill@eca-usa.com

EDUCATION

East Carolina University
M.A., Maritime Studies
Graduated: May 2007
GPA: 3.89/4.0

Greenville, NC

Southwest Missouri State University
B.A., Anthropology, minor in Antiquities
Graduated: May 2004, Magna Cum Laude
GPA: 3.8/4.0

Springfield, MO

PROFESSIONAL CERTIFICATIONS

Secretary of the Interior's 36CFR61 Professional Qualification Standards for Archaeology and History since 2007
Register of Professional Archaeologist since 2007
Section 106 Training Certification from SRI Foundation, 2009
Advanced Section 106 Training Certification from the Advisory Council on Historic Preservation, 2009
NEPA Compliance and Cultural Resources Training Certification from the National Preservation Institute, 2009
Section 4 (f) Compliance for Historic Properties Training Certification from the National Preservation Institute, 2009
Identification and Management of Traditional Cultural Properties Training Certification from the National Preservation Institute, 2009
Tribal Consultation Training Certification from the SRI Foundation, 2010

RELATED EMPLOYMENT

June 2007 – Present

Environmental Corporation of America

Alpharetta, GA

Position: Principal Investigator

Responsibilities:

- Archaeological and historical research.
- Conducting archaeological and historical site assessments for Section 106 compliance.
- Authoring Section 106/arch aeological assesment/phase one environmental imp act reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies.

REPRESENTATIVE EXPERIENCE

June 2007 – Present

Section 106 Cell Tower Evaluations

USA

Dina M. Bazzill, Principal Archaeologist/Historian

Goals: The scope of work for these projects has included archaeological and historic standing structures site assessments for the Section 106 review process in forty different states.

May /June 2011

**Chicago and North Western Railway Bridge Replacement: Phase I
Underwater Archaeological Survey**

Oshkosh, WI

Dina M. Bazzill, Principal Archaeologist/Historian

Goals: The scope of work for this project included a Phase I side-scan sonar survey for the replacement of the Chicago and North Western Railway Line over the Fox River in Oshkosh, Winnebago County, Wisconsin. The side-scan sonar survey was performed by Jerry Guyer of Pirate's Cove Diving Inc. Dina M. Bazzill performed the necessary research, analyzed the side-scan sonar data, and prepared a report in conformance with Wisconsin Historical Society Guidelines.

April/May 2010

Snowbird Youth Center Phase I

Robbinsville, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a survey for a proposed Eastern Band of Cherokee Indians Youth Center located on Forest Service land in Robbinsville, North Carolina. High probability landforms were tested as per Forest Service archaeological testing guidelines. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Field Director and John P. McCarthy, Principal Director. Dina M. Bazzill authored the report, with the assistance of John P. McCarthy.

April/May 2010

CabeJail Phase I - EBCI Reservation

Cherokee, NC

Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a survey for a proposed jail located on the Eastern Band of Cherokee Indians reservation in Cherokee, North Carolina. The entire proposed property was systematically surveyed utilizing guidelines provided by the EBCI THPO office. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Director. John P. McCarthy authored the report, with the assistance of Dina M. Bazzill.

October/November 2009

Old #4 Sewer Line Replacement - EBCI Indian Reservation

Cherokee, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a systematic survey for a proposed sewer line replacement located on the Eastern Band of Cherokee Indian Reservation in Cherokee, North Carolina. A pedestrian survey was conducted, and shovel tests were conducted as per EBCI THPO office guidelines. This entailed excavating shovel tests at 65-foot intervals, where appropriate. Crew members included Dina M. Bazzill, Field Director, who supervised Mary E. Seagrave, field technician, Dave McGlothlin, field technician, and Landon Abernethy, field technician. John P. McCarthy oversaw the fieldwork and the report preparations, with assistance from Dina M. Bazzill.

July 2009

Phase II Archaeological Site Delineation

Lewis Creek, IN

Dina M. Bazzill, Principal Investigator

Goals: The scope of work for this project included delineating a circa 1840 pioneer homestead located in Lewis Creek, Indiana in order to determine National Register of Historic Places eligibility. Dina M. Bazzill served as Principal Investigator and supervised Mary E. Seagrave, Project Archaeologist. Artifacts recovered from the field work were analyzed and photographed by Dina M. Bazzill. A Section 106 Review was prepared by Dina M. Bazzill and submitted to the Indiana State Historic Preservation Office for their review and comment.

April/May 2008

City of Norcross – Proposed Greenspace Park

Norcross, GA

Dina M. Bazzill, Field Director and Principal Investigator

Goals: The scope of work for this project includes a Phase I survey of a seven acre tract of land in the City of Norcross, Georgia. ECA evaluated archaeological and historic resources present within the survey area and advise the City of Norcross on how best to preserve these resources and utilize them for educational purposes. In addition, a comprehensive user friendly report was produced.

November 2007

Deep Testing for Archaeological Deposits

Nashville, TN

Artis West, Principal Investigator

Goals: The scope of work for this project included placing 60-foot deep two trenches with the proposed APE for direct effects for a proposed cell to be located adjacent to the Harpeth River in Nashville, Georgia. Backfill soil was selectively sampled and negative findings were recorded. A report summarizing the findings was prepared and accepted by the Georgia Historical Commission, Division of Archaeology.



Autumn A. DuBois, M.A., R.P.A.

Client Manager/Senior Archaeologist
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040 x 107
Autumn.dubois@eca-usa.com

EDUCATION

Northern Arizona University

M.A., Anthropology
Graduated: May 2008
GPA: 3.80

Flagstaff, AZ

University of North Florida

B.A., Anthropology, Psychology minor,
Graduated: 2004 Cum Laude
GPA: 3.5

Jacksonville, FL

PROFESSIONAL CERTIFICATIONS

Secretary of the Interior's 36CFR61 Professional Qualification Standards for Archaeology and History since 2009

Register of Professional Archaeologist (RPA) since 2010

PROFESSIONAL ORGANIZATIONS

- RPA

RELATED EMPLOYMENT

June 2010 – Present

Environmental Corporation of America

Alpharetta, GA

Position: Archaeologist/ Project Manager

Responsibilities:

- Archaeological and historical research.
- Conducting archaeological and historical site assessments for Section 106 compliance.
- Authoring Section 106/Archaeological Assessment/Phase I Environmental Assessment reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies.
- Reviewing Section 106 reports.
- Authoring Fish and Wildlife species impact reports.
- Producing NEPA reports

REPRESENTATIVE EXPERIENCE

2013-Present

Small Cell

USA

Autumn DuBois/ Archaeologist/Historian/Client Manager

Goals: The scope of work for these projects include Indoor Small Cell implementation and Outdoor Utility Pole Small Cell implementation. Deliverables include Desktop NEPAs, Limited NEPAs, Section 106 Review documentation, and Architectural review throughout the United States.

June 2010 - Present

Section 106 Cell Tower Evaluations

USA

Autumn DuBois Archaeologist/Historian

Goals: The scope of work for these projects has included over 300 archaeological and historic standing structures site assessments for the Section 106 review process in forty different states.

August 2009-December 2010 **Field Crew Supervisor** Rockland, IN
 Conducted Phase I surveys for four months at a base decommissioning in Indiana. Responsibilities consisted of Phase I survey, site recording and documentation, and eligibility assessment.

2007/2009 **Cabin Bluff** Kingsland, GA
 Conducted Phase I and II surveys over a period of two years. Responsibilities included mapping, site documentation, and artifact identification.

2008 **Cemetery Delineation** Darien, GA
 Project consisted of mapping and documenting cemetery. Responsibilities included documenting known graves, recording grave markers, and conducting ground probing to locate previously undocumented/acknowledge graves.

2008 **GPR Cemetery Identification** McIntosh County, GA
 I assisted in using Ground Penetrating Radar to locate burial vaults at known plantation site.

2008 **GPR Survey** Tybee Island, GA
 Project surveyed locations surrounding Tybee Island Lighthouse searching for possible underground walls.

2008 **GPR Survey** Savannah, GA
 Project surveyed locations in a city park looking for underground vaults.

2009 **Phase I and II Archaeological Survey** Fort Knox, KY
 Responsibilities consisted of Phase I survey, site recording and documentation, and eligibility assessment.

2009 **Phase I Archaeological Survey** Stennis Space Center, LA
 Responsibilities consisted of Phase I survey, site recording and documentation, and eligibility assessment.

2009 **Phase I Archaeological Survey-Power line Corridor Expansion** Multi-county, KY
 Phase I archaeological survey of power line corridor.

2008 **Phase II Archaeological Survey** Darien County, GA
 Excavation at a prehistoric, Mocama site, responsibilities consisted of Phase I survey, site recording and documentation, and eligibility assessment.

2008 **Phase II Archaeological Survey** Fort Benning, GA
 Phase II excavations at an early 20th century site, responsibilities consisted of Phase I survey, site recording and documentation, and eligibility assessment.

2008 **Phase III Archaeological Survey** South Carolina
 Conducted Phase III survey at DuPont Plantation site

2008 **Phase III Archaeological Survey** Panama City, Florida
 Conducted Phase III at early 20th century hospital

2005 **NAU Mapping Field School** Flagstaff, AZ
 This field school, directed by Dr. Christopher Downum, consisted of gradates students conducting pedestrian surveys at Wupatki National Monument, mapping and documentation of agro-field wind breaks, mapping of a field house, and the mapping and documentation of a pueblito.

2005 **Walnut Canyon Field School** Flagstaff, AZ
 Field work consisted of the documentation and excavation of a pit house at Walnut Canyon National Monument for the expansion of a septic pond.

2004 **Cedar Point Field School** Jacksonville, FL
 Project consisted of the excavation of a pre-contact Mocama villiage on Black Hammock Island. Students conducted Phase I and II excavations of prehistoric shell middens, conducted artifact identification, and mapped units.



Joe Anderson

SOI Qualified Archaeologist
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040 Ext. 107
joe.anderson@eca-usa.com

EDUCATION

University of Alabama
MA, Anthropology, 2013

Tuscaloosa, AL

Auburn University
BA, Anthropology, 2009, Magna Cum Laude

Auburn, AL

PROFESSIONAL CERTIFICATIONS

Secretary of the Interior's 36CFR61 Professional Qualification Standards - Archaeology

RELATED EMPLOYMENT

April 2014 – Present
Alpharetta, GA

Environmental Corporation of America

Position: SOI Qualified Archaeologist

Responsibilities:

- Archaeological research.
- Conducting archaeological and historical site assessments for Section 106 compliance.

REPRESENTATIVE PROFESSIONAL EXPERIENCE

October 2012 – February 2014

Panamerican Consultants, Inc.

Tuscaloosa, AL

Position: Archaeologist/Field Director

Responsibilities:

- Directed archaeological Phase I and Phase II fieldwork for numerous projects throughout the Deep South.
- Primary or contributing author of several cultural resource reports.
- Contributed to laboratory analysis, curation, database management, and report preparation.

August 2012 – October 2012

Tennessee Valley Archaeological Research

Huntsville, AL

Position: Field Technician

Responsibilities:

- Conducted Phase I and Phase II archaeological assessments, artifact analysis, site photography, and archaeological monitoring.

May 2012 – July 2012

Alabama Museum of Natural History

Tuscaloosa, AL

Position: Archaeologist

Responsibilities:

- Directed staff and volunteers in the excavation of two Archaic sites in Colbert County, Alabama.
- Implemented educational seminars and tutorials for volunteers.
- Provided site visits for the public and journalists.

May 2009 – July 2009

New South and Associates

Stone Mountain, GA

Position: Field Technician

Responsibilities:

Conducted Phase I and Phase II archaeological assessments, artifact analysis, site photography, and archaeological monitoring



Karen Sauler

Project Scientist/ Manager
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040 Ext. 126
karen.sauler@eca-usa.com

EDUCATION

Georgia Institute of Technology Atlanta, GA
Masters of Science, Environmental Engineering, 2013
Bachelors of Science, Environmental Engineering, 2011, *High Honors*

PROFESSIONAL EXPERIENCE

January 2014 – Present **Environmental Corporation of America** Alpharetta, GA
Position: Project Scientist/Manager
Responsibilities:

- Authoring Phase I/II Environmental Site Assessments
- Archaeological, architectural history and historical field and archival research.
- Authoring Section 106/Archaeological Assessment Reports
- Authoring NEPA Environmental Checklists

September 2010 – November 2013 **Georgia Institute of Technology** Atlanta, GA
Position: Student Assistant
Responsibilities:

- Performed office duties for the Mathematics Department such as filing, answering phone calls, setting up events.

August 2011 – December 2011 **Georgia Institute of Technology** Atlanta, GA
Position: Teaching Assistant for Civil and Environmental Engineering Course
Responsibilities:

- Ran undergraduate Environmental Engineering Laboratory course during lab.
- Graded quizzes and lab reports.

August 2010 – December 2011 **Georgia Institute of Technology** Atlanta, GA
Position: Research Assistant
Responsibilities:

- Studied the formation and control of emerging nitrosamine disinfection by-products.

June 2009 – August 2009 **Clayton County Water Authority** Atlanta, GA
Position: Intern
Responsibilities:

- Tested water samples in the lab.

Worked in the environmental compliance department at the Casey Water Reclamation Facility.

Attachment B

Site Information

1: Photographs

The following photographs were taken using a digital camera from a height of 5'10".

- a:** Directional photographs taken from the Proposed Tower Site and of the associated access road.
- b:** Photographs of all listed or eligible properties within the Areas of Potential Effects, if any.
- c:** Photographs from listed or eligible properties within the Area of Potential Effects looking toward the proposed tower site, if any.
- d:** Google Earth 2016 aerial photograph showing APE for visual effects.



A: Northerly View from Near the Center of the Proposed Lease Area



B: Easterly View from Near the Center of the Proposed Lease Area

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
 Page 3 of 14



ECA Proj. # S0910



C: Southerly View from Near the Center of the Proposed Lease Area



D: Westerly View from Near the Center of the Proposed Lease Area

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
 Page 4 of 14



ECA Proj. # S0910



E: Northwesterly View of the Proposed Lease Area



F: Southeasterly View of the Proposed Lease Area

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
Page 5 of 14



ECA Proj. # S0910



G: Southwesterly View Along the Proposed Access/Utility Easement



H: Southeasterly View Along the Proposed Access/Utility Easement

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
 Page 6 of 14



ECA Proj. # S0910



I: Northeasterly View Along the Proposed Access/Utility Easement



J: Northwesterly View Along the Proposed Access/Utility Easement

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
Page 7 of 14



ECA Proj. # S0910



K: Northwesterly View Along the Proposed Utility Easement



L: Southeasterly View Along the Proposed Utility Easement

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
 Page 8 of 14



ECA Proj. # S0910



M: Overview of Shovel Test Pit One (STP1)



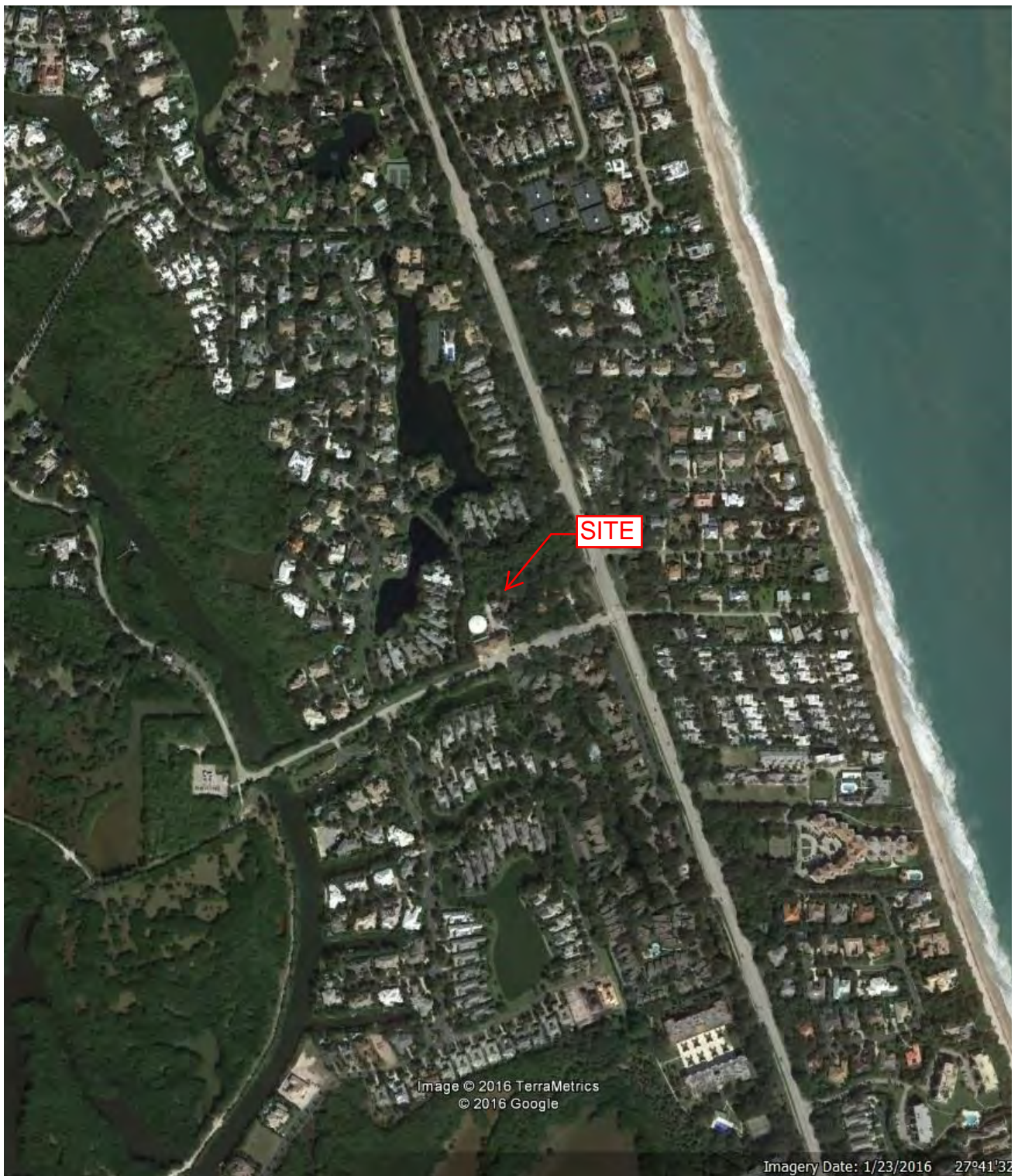
N: Soil Profile of STP1

Indian River Shores 2
 Fred R. Tuerk Drive
 Indian River Shores, Indian River County, Florida

Attachment B-1a: Photographs
 Page 9 of 14



ECA Proj. # S0910



Source: 2016 Google Earth Aerial Photograph

Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Attachment B-1d: 2016 Google Earth Aerial Photograph
Page 10 of 14



ECA Proj. # S0910

2: Maps

- a:** 7.5-Minute topographic map showing the Area of Visual Effects and the location of any identified historic properties
- b:** 7.5-Minute topographic map showing the Area of Direct Effects including any new access roads or other easements
- c:** Site Vicinity Plan showing the location of the proposed tower site, any new access roads, easements, additional structures, utility lines, fences, and excavations.



Source: USGS Topographic Maps, 7.5 Minute Series, Vero Beach, FL (1949, photorevised 1983) and Riomar, FL (1948, photorevised 1983, minor revision 1992).

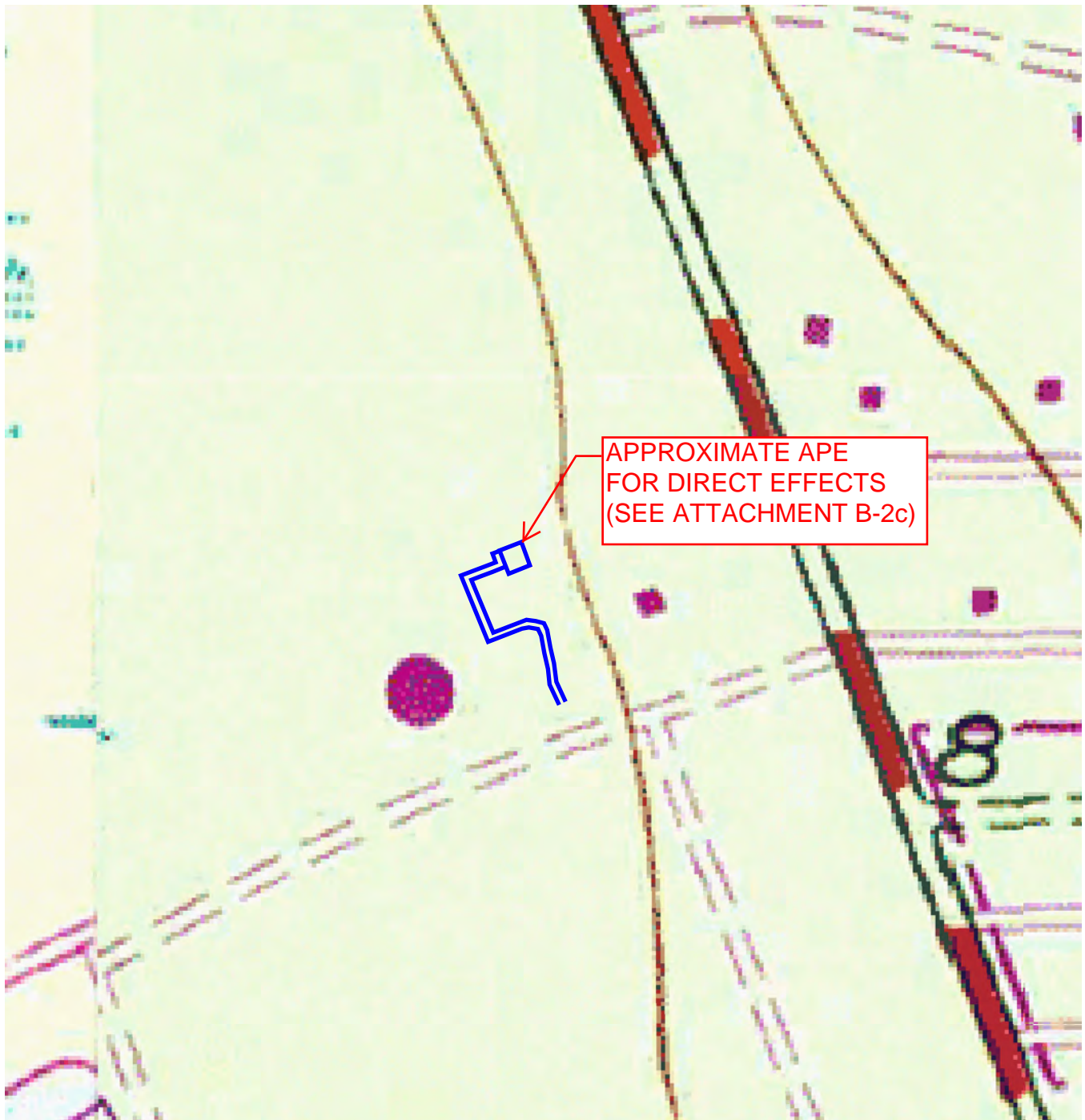


Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

Attachment B-2a: APE for Visual Effects
Page 12 of 14



ECA Proj. # S0910



250 0 250 ft

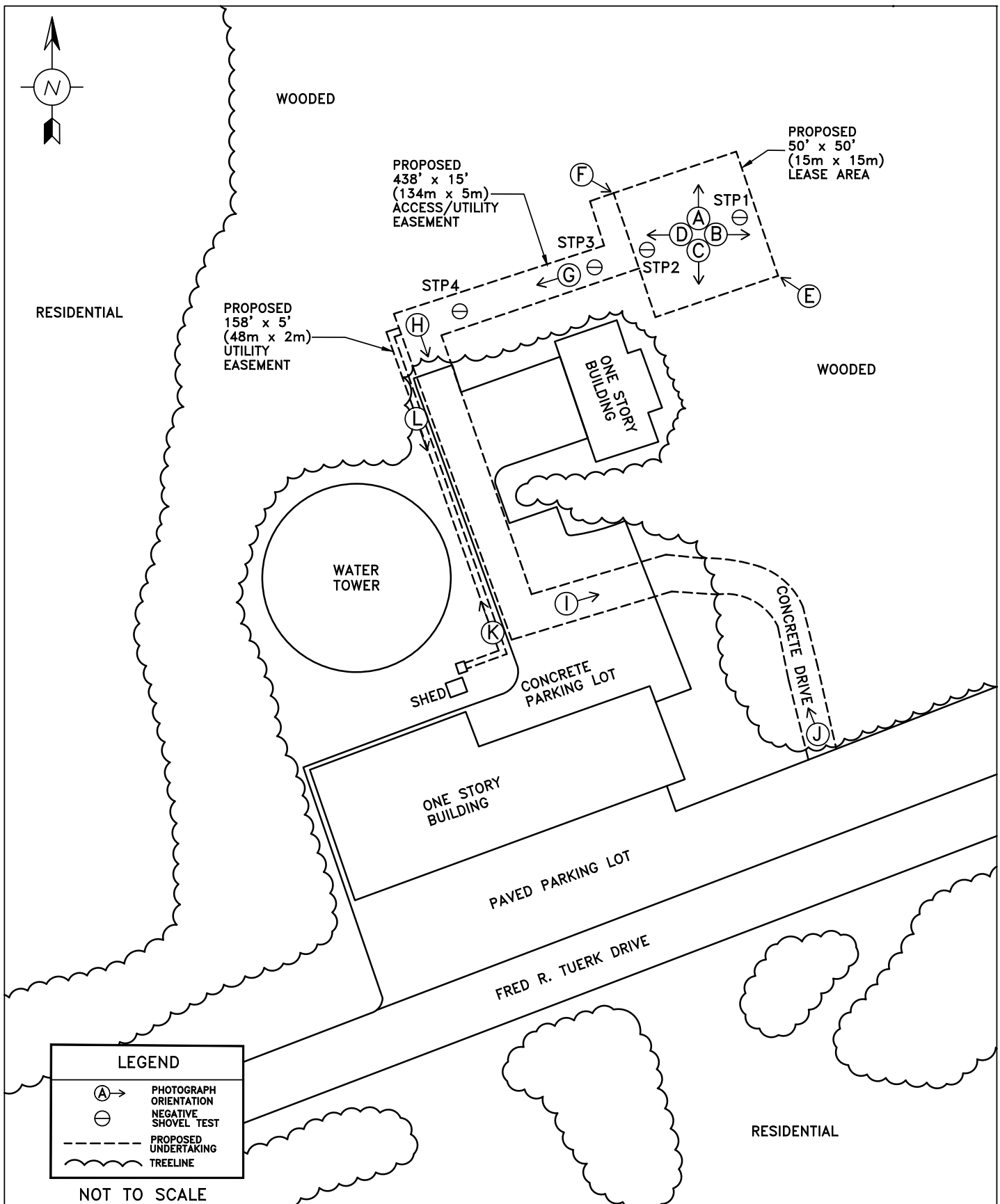
Source: USGS Topographic Map, 7.5 Minute Series, Riomar, FL (1948, photorevised 1983, minor revision 1992).



Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
Attachment B-2b: APE for Direct Effects
Page 13 of 14



ECA Proj. # S0910



Indian River Shores 2

Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

Attachment B-2c: Site Vicinity Plan
Page 14 of 14

SOURCE: 7/20/16 ECA Site Visit
2016 Google Earth Aerial Photograph
Client-Provided Survey

DRAWN BY: KXS DATE: 8/9/16
FILE NAME: F:\%S0910.dwg



ECA Project # S0910

Attachment C

Determination of Effect

1: Areas of Potential Effects

a: Direct Effects

The APE for direct effects is limited to the site of the proposed tower and surrounding easements, as described in the Nationwide Programmatic Agreement.¹ For this particular undertaking the area of disturbance would include the proposed 50-foot by 50-foot (15-meter by 15-meter) lease area, the proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement, the proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement, and all immediately adjacent areas. The general APE for direct effects is shown in Attachment B-2b and Attachment B-2c.

b: Visual Effects

The APE for visual effects is the geographic area or areas within which the facility may directly or indirectly cause alterations in the character or use of Historic Properties.² Unless otherwise noted, the area of potential effect for visual effect is as described in the Nationwide Programmatic Agreement:

- If the proposed tower is 200 feet or less in overall height, the APE is ½ mile in radius from the proposed tower.
- If the proposed tower is more than 200 feet in height and no more than 400 feet in height, the APE is ¾-mile in radius from the proposed tower.
- If the proposed tower is more than 400 feet in height, the APE is 1 ½ miles in radius from the proposed tower.³

The APE for visual effects is shown in Attachment B-2a: Area of Visual Effect.

2: Mitigation of Effect

a: Copies of correspondence and summaries of oral communications with SHPO/THPO and any consulting parties including descriptions of alternatives that have been considered in order to avoid, minimize, or mitigate any adverse effects

Not Applicable

¹ Section VI.C.2 of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).

² Section II.3 of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).

³ Section VI.C.4.a-c of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).

Attachment D

Tribal and NHO Involvement

ECA made notification through the FCC Tower Construction Notification System (TCNS) in order to identify Indian Tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the tower project within the APE for direct or visual effects.

ECA identified five federally recognized tribes that may be interested in participating in the Section 106 Review process in the county where the undertaking would occur. Any Tribe listed on the TCNS that does not respond within 14 and 30 days of initial notification will receive a follow up letter. Any Tribes requesting to be involved in the Section 106 Review consultation process will be provided a copy of this submission packet and will be provided an opportunity to comment on the proposed undertaking.

Copies of all relevant documents received to date, including correspondence, are provided in the following pages.

TRIBAL INVOLVEMENT
TCNS #141226 – INITIAL CONTACT July 22, 2016

#	INDIAN TRIBE OR NATION	SECOND TRIBAL CONTACT DATE	RESPONSE RECEIVED FROM TRIBE	REFER TO FCC	TRIBAL CLEARANCE
1	MICCOSUKEE TRIBE OF INDIANS OF FLORIDA	NA	7/22/16 - via TCNS requested a 30-Day Response Limit Agreement	NA	Will Clear 8/21/16
2	SEMINOLE TRIBE OF FLORIDA		7/20/16 & 7/22/16 - via TCNS requested Section 106 Review documentation and review fee	NA	
3	SEMINOLE NATION OF OKLAHOMA	NA	7/22/16 - via TCNS requested a 30-Day Response Limit Agreement	NA	Will Clear 8/21/16
4	MUSCOGEE CREEK NATION		7/22/16 - via TCNS requested Section 106 Review documentation, SHPO response, and review fee	NA	
5	EASTERN SHAWNEE TRIBE OF OKLAHOMA		7/22/16 - via TCNS requested Archaeological Assessment, SHPO response, and review fee	NA	

-----Original Message-----

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]

Sent: Tuesday, July 19, 2016 4:07 PM

To: tribal.notify <tribal.notify@eca-usa.com>

Subject: Proposed Tower Structure Info - Email ID #4648062

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 07/19/2016

Notification ID: 141226

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court, Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MTOWER - Monopole

Latitude: 27 deg 41 min 32.8 sec N

Longitude: 80 deg 22 min 21.3 sec W

Location Description: Fred R. Tuerk Drive

City: Indian River Shores

State: FLORIDA

County: INDIAN RIVER

Detailed Description of Project:

Ground Elevation: 0.9 meters

Support Structure: 35.1 meters above ground level

Overall Structure: 35.1 meters above ground level

Overall Height AMSL: 36 meters above mean sea level

-----Original Message-----

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]

Sent: Friday, July 22, 2016 3:02 AM

To: tribal.notify <tribal.notify@eca-usa.com>

Cc: Jonathan.Jonas@fcc.gov; diane.dupert@fcc.gov

Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #4650214

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribal Nations and NHOs. If a Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA & Section 106 Representative Fred Dayhoff - Miccosukee Tribe of Indians of Florida - Tamiami Station (PO Box: 440021) Miami, FL - hopel@miccosukeetribes.com - 239-695-4360

Details: Please DO NOT contact me prior to the end of the 30-day period to inquire about the proposed site. I really need this time to review the TCNS notifications.

If, however, the proposed site is on undisturbed land, and you are aware of something that may be of interest to our Tribe, please feel free to telephone me or send documentation to me prior to the end of the 30-day period. Please send this information to me via regular mail or via UPS. Please do not use Federal Express, since they deliver to a general mailbox for our Tribe. Please send via reg. mail or UPS to:

Fred Dayhoff
NAGPRA & Section 106 Representative
Miccosukee Tribe of Indians of Florida
P.O. Box 440021
Tamiami Station
Miami, Florida 33144

At the end of the 30 days, if there is an inadvertent find during construction, IMMEDIATELY contact me at 239-695-4360 (phone). If the number is busy, immediately send a Fax to my attention at 239-695-4344 (fax).

If this is a POSITIVE TRAIN CONTROL project, please check the state master site file for any archaeological sites that may be present. If there are no archaeological sites present, you may proceed with construction immediately. If there are any archaeological sites present at the proposed site, please contact me as soon as possible.

Thank you.
Fred Dayhoff
NAGPRA & Section 106 Representative
Miccosukee Tribe of Indians of Florida
(239) 695-4360

If the applicant/tower builder receives no response from the Miccosukee Tribe of Indians of Florida within 30 days after notification through TCNS, the Miccosukee Tribe of Indians of Florida has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Miccosukee Tribe of Indians of Florida in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

2. Compliance Review Supervisor Bradley M Mueller - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB 1004 Clewiston, FL - bradleymueller@seminoletribe.com - 863-983-6549 (ext: 12245)
Details: Effective May 1, 2014, the Seminole Tribe of Florida (STOF) is increasing its research fee to \$500.00. An additional \$200.00 fee will be charged for any subsequent requests concerning the same undertaking that has been re-submitted to the FCC/TCNS due to delays in construction, changes to the original proposal, etc.

For Positive Train Control (PTC) wayside poles and infrastructure, the standard Section 106 research fee remains \$500.00 for a single review. For wayside poles grouped into a batch filing under a single TCNS number, the research fee will be \$500.00 for the first pole and \$200.00 for each additional non-excluded pole in the batch.

Please submit the 620/621 form with attachments to the Tribal Historic Preservation Office (see below) as soon as possible after the Tribe has received its initial TCNS notification. Once the Tribe has received its initial notification the STOF will issue an invoice. Consultants will need to provide company name, primary contact person, mailing address (or e-mail), and business phone for invoice purposes. Checks should be made payable to Seminole Tribe of Florida and mailed to: Seminole Tribe of Florida, Accounts Receivable, 6300 Stirling Road, Hollywood, FL 33024. Please include the TCNS numbers and invoice number on the memo line of the check in order for us to track your project payment. For requests involving multiple towers, a single check in the sum of \$500 per tower is acceptable. The 620/621 submission packet will be reviewed and comments issued once payment of the review fee has been received.

The following items should be submitted to the THPO for each request: 620/621 form with attachments associated with cultural resources to include archaeological assessment/report that includes methodology, findings and field survey results, and project area geomorphology and soils. Please limit submittal of architectural surveys (unless embedded with archaeological information), engineering/construction drawings, and excessive photos. All correspondence should be conducted via email and email attachments. Emails should be sent to: BradleyMueller@seminoletribe.com

Any questions concerning invoicing and payment should be addressed to Anne Mullins, Deputy THPO, at annemullins@seminoletribe.com. Questions concerning status of reviews should be addressed to Bradley Mueller, Compliance Review Supervisor at BradleyMueller@seminoletribe.com. Thank you.

3. Historic Preservation Officer Seminole Nation - Seminole Nation of Oklahoma - n/a (PO Box: 1498) Wewoka, OK - Harjo.N@sno-nsn.gov - 405-257-7271
Details: If the Applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. TCNS Coordinator Corain Lowe-Zepeda Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7835
Details: PLEASE NOTE OUR NEW REQUIREMENTS: Because the TCNS Details do not provide enough information for us to conduct a proper assessment on behalf of the Muscogee (Creek) Nation, we, instead, require that you submit with your original notification via regular postal mail or other parcel carrier the following (E-MAILED DOCUMENTATION WILL NOT BE ACCEPTED, NO EXCEPTIONS):

- 1) 620/621 forms
- 2) Colored photographs (no thumbnails please)
- 3) Aerial Map and color USGS topographic maps that clearly show the proposed site location, area of potential effect, shovel tests, access roads, utility easements, list of previously known archaeological sites within one mile of site and any information pertaining to project
- 4) Copy of archaeological assessment/survey including site forms of all sites within 1 mile of the project area
- 5) All pages of project to be on 8 1/2 x 11 or larger, maps must be at minimum 8 1/2 x 11 or larger
- 6) Need to send copy of all information pertaining to project on CD as well as a hard copy
- 7) A copy of review letter from the State Historic Preservation Office
- 8) Submit payment along with project

EFFECTIVE 01/01/2016

PLEASE NOTE OUR NEW REVIEW FEES: Our administrative review fee for 106 reviews is \$800.00 for all new, collocations, addendums, and Positive Train Control. Please submit check with hard copy and CD copy. Upon receipt of all information outlined above, which requires the completed 620/621 form and receipt of the administrative review fee, the Section 106 30-day review process will begin. If you do not receive a response within 30 days from the date our office receives complete 620/621 packet and payment, please contact us by phone to confirm review status. Please submit required information and payment to address below:

Muscogee (Creek) Nation
Historic and Cultural Preservation Department
Ms Corain Lowe-Zepeda, TCNS Coordinator
P.O. Box 580
Hwy 75 & Loop 56
Okmulgee, OK 74447

For specific information regarding TCNS, please contact Ms. Corain Lowe-Zepeda, TCNS Coordinator, directly at 918-732-7835 or Ms. Raelynn Butler, THPO at 918-732-7678. Thank you.

Sincerely,

Ms. Corain Lowe-Zepeda, TCNS Coordinator
Muscogee (Creek) Nation
918-732-7835

clowe@mcn-nsn.gov

5. TCNS Coordinator Travis Patton - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - tpatton@estoo.net - 918-666-2435 (ext: 1860)

Details: The Cultural Preservation Office of the Eastern Shawnee Tribe of Oklahoma requires the following information and fees regarding all proposed FCC projects.

Please do not email documentation; it will be deleted without being opened. Mail one printed color copy of all documentation to:

70500 E 128 Rd.

Wyandotte, OK 74370

Please submit by US postal mail or other parcel carrier all of the following information for all FCC projects:

1. A 1-page cover letter with the following information:
 - a) TCNS number
 - b) Company name
 - c) Project name, city, county, state
 - d) Project type
 - e) UTM coordinates using WGS84 (G1150)
 - f) Total area surveyed in acres
 - g) Contact information.
2. Professional cultural/archaeological resource survey report.
3. Aerial and color USGS topographic maps locating project area within the state, county, and local area.
4. Aerial, color USGS topographic, or planimetric maps locating tower site, APE, access road, utility easement, guy wire locations surveyed, surveyed staging areas, and known archaeological/historic sites.
5. Project site plan map depicting labeled shovel test locations.
6. Shovel test log.
7. Site photographs.
8. A copy of the review letter or TCNS e-response from the State Historic Preservation Office and all other state-mandated review offices for projects involving ground disturbance.

9. Please submit a fee of \$550.00 per/TCNS project, for administration, data processing, handling, research and review. Make the check payable to the Eastern Shawnee Tribe of Oklahoma. On the memo line write all TCNS numbers. This includes new build towers, collocations, PTC poles, and projects in previously disturbed locations.

10. The Eastern Shawnee procedure document is available by email and is highly recommended for guidance. Send an email to Travis Patton at: tpatton@estoo.net.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

6. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184

7. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - ebrown@mail.preserveala.org - 334-242-3185

8. Deputy SHPO Compliance Review Laura A Kammerer - Div of Historical Resources, Dept of State - 500 S. Bronough St. Tallahassee, FL - lkammerer@dos.state.fl.us - 850-245-6333

9. Historic Preservationist Robin Jackson - Florida Division of Historical Resources - 500 S. Bronough Street Tallahassee, FL - Robin.Jackson@DOS.myflorida.com - 850-245-6333

"Exclusions" above set forth language provided by the Tribal Nation or SHPO. These exclusions may indicate types of PTC wayside pole notifications that the Tribal Nation or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or

SHPO. Exclusions may also set forth policies or procedures of a particular Tribal Nation or SHPO (for example, types of information that a Tribal Nation routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. If you learn any of the above contact information is no longer valid, please contact the FCC. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/19/2016

Notification ID: 141226

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court, Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MTOWER - Monopole

Latitude: 27 deg 41 min 32.8 sec N

Longitude: 80 deg 22 min 21.3 sec W

Location Description: Fred R. Tuerk Drive

City: Indian River Shores

State: FLORIDA

County: INDIAN RIVER

Detailed Description of Project:

Ground Elevation: 0.9 meters

Support Structure: 35.1 meters above ground level

Overall Structure: 35.1 meters above ground level

Overall Height AMSL: 36.0 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Attachment E

Historic Properties

Method of Identification:

The following sources and records were reviewed to identify Historic Properties within the Area of Potential Effect (APE) for visual and direct effects:

- i. Properties listed in the National Register;
- ii. Properties formally determined eligible for listing by the Keeper of the National Register;
- iii. Properties that the SHPO/THPO certifies are in the process of being nominated to the Nation Register;
- iv. Properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and
- v. Properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register Criteria, and that are identified accordingly in the SHPO/THPO Inventory.¹

¹ Section VI.D.1.a.i-v of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222)

1: Historic Properties Identified in the APE for Direct Effects

a: Historic Properties identified within the APE for direct effects

If any Historic Properties were identified, see *Historic Properties* pages within the FCC Form 620, Page 7.

b: Historic Properties within the APE, not listed in “a”, that ECA Considers to be Eligible for Listing in the National Register as a result of ECA’s research.

ECA has identified no Historic Properties within the area for direct effects.

c: Description of techniques and methodology used to identify Historic Properties within the APE for direct effects.

See *Archaeological Assessment*, Attachment E-1c.

2: Historic Properties Identified in the APE for Visual Effects

- a: Historic Properties Identified in the APE for visual effects that are listed in the National Register, have been formally determined eligible by the Keeper of the National Register, or have been evaluated and found to meet NR criteria for listing by the SHPO/THPO and are identified as such in the SHPO/THPO inventory.**

If any historic resources were identified, see *Historic Properties* pages within the FCC Form 620, Page 7 **or** if more than ten identified historic resources see *Cultural Resource Report*, Attachment E-2a.

- b: Historic Properties, not listed in part “a,” that are in the APE for visual effects that were identified through the comments of Indian Tribes, NHOs, local government, or members of the public.**

See *Historic Properties* pages within the FCC Form 620, Page 7.

- c: Properties listed in part “a,” which ECA considers no longer eligible for inclusion in the National Register**

Not applicable.

Attachment E-1c

Archaeological Assessment

CONFIDENTIAL NOTICE: Attachment E-1c and Attachment H may contain information on historic and/or prehistoric archaeological cultural resources. This information is to be regarded as strictly confidential and is not for public dissemination or distribution and is not to be published in the public domain or provided to any unauthorized parties.

Archaeological Assessment

TCNS ID #141226

Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure

Within a 50-Foot by 50-Foot (15-Meter by 15-Meter) Lease Area

Indian River Shores 2

Fred R. Tuerk Drive

Indian River Shores, Indian River County, Florida

Submitted to

Robert Bendus

Director of Historical Resources and State Historic Preservation

Officer Division of Historical Resources

Office of Compliance and Review


500 S. Bronough Street, Room 423

Tallahassee, FL 32399-0250

By



Karen Sauler, EIT
Project Manager



Autumn Dubois, MA, RPA
Principal Investigator

August 11, 2016

ENVIRONMENTAL CORPORATION OF AMERICA
1375 UNION HILL INDUSTRIAL COURT, SUITE A
ALPHARETTA, GEORGIA 30004

S0910

Executive Summary

Environmental Corporation of America (ECA) has completed an Archaeological Assessment for the federal undertaking at the subject site. The subject site includes a proposed telecommunications facility within a proposed 50-foot by 50-foot (15-meter by 15-meter) lease area. The proposed telecommunications facility would include a 115-foot tall (overall height) monopine telecommunications structure and associated ground level support equipment. The facility would be accessible by a proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement. The proposed undertaking would also include a proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement. The subject site is located off Fred R. Tuerk Drive, Indian River Shores, Indian River County, Florida.

This archaeological assessment was conducted in order to ascertain whether the proposed undertaking might directly or indirectly affect cultural resources, if any such resources exist. During our database research, we identified two previously recorded archaeological sites (*IR00025A* and *IR00032*) and nine previously identified archaeological surveys (*15701*, *17297*, *22862*, *22863*, *22864*, *22865*, *22866*, *12623*, and *12630*) within a 1-mile research radius of the proposed undertaking. No archaeological sites or surveys were identified within the APE for direct effects for the current undertaking. During the course of the field survey portion of this archaeological assessment no archaeological sites were identified.

ECA believes that the proposed undertaking would have no effect on any historic or prehistoric archaeological resources that are listed in or eligible for listing in the National Register of Historic Places. Based on our findings related to archaeological resources, we recommend no further consultation under Section 106 Review of the National Historic Preservation Act for this proposed undertaking.

*An Archaeological Assessment of a Proposed
50-Foot by 50-Foot (15-Meter by 15-Meter)
Telecommunications Facility
Indian River Shores, Indian River County, Florida*

Background

Environmental Corporation of America was contracted by Datapath Tower to perform an archaeological assessment as part of the Section 106 Review process for a proposed telecommunications facility. The proposed facility would be located off Fred R. Tuerk Drive, Indian River Shores, Indian River County, Florida. The purpose of our work was to determine whether any archaeological cultural resources might exist within the project area.

The proposed project area is located within the limits of the Riomar, FL (1948, photorevised 1983, minor revision 1992) United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map, as shown in Attachment B-2a. Attachment B-2c is a site vicinity plan that shows the site configuration. Attachment B-1d is a recent aerial photograph of the site area (Google 2016). The nearest drainage feature is John's Island Creek, located approximately 850 feet (259 meters) southwest of the proposed lease area at its closest point.

The proposed undertaking consists of a 50-foot by 50-foot (15-meter by 15-meter) lease area that is located within a wooded area adjacent to a fire department facility. ECA understands that Datapath plans to construct an approximate 115-foot tall (overall height) monopine telecommunications structure within the proposed lease area. The center of the proposed telecommunications structure would be located at approximately N27° 41' 32.8", W80° 22' 21.3" (UTM: Zone 17 561864E, 3063291N). The facility would be accessible by a proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement. The proposed undertaking would also include a proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement. Photographs of the proposed lease area are provided in Attachment B-1a. Descriptions of the photographs are provided underneath each photograph.

Geologically, the project area is located within the Coastal Plain Physiographic Province of Florida. Soils in the Coastal Plain are the result of deposition of sediments in a former marine environment. Sediments underlying the surface in this area consist of interlayered sands, silts, and clays. Sediments are stratified and relatively unconsolidated. These soils vary from sands and clays to interbedded deposits of both sand and clay. In some low-lying areas near present streams or drainage features, the originally deposited soils may be overlain by geologically younger water-deposited (alluvial) soils (USGS 2016).

According to the USDA Web Soil Survey, soils located within the proposed project area consist of Captiva fine sand (18) and Canaveral fine sand, 0 to 5 percent slopes (1) (NRCS 2016). Descriptions of the dominant mapped soil types are displayed in the table below.

Mapped Soil Types within the Project Area

Mapped Soil Type	Soil Series Description	Known Subsoil	Typical Subsoil Depth Below Surface
Captiva	Very deep, poorly drained, very rapidly permeable soils on broad, low flats near the Gulf Coast that formed in thick marine deposits of sand and shell fragments.	Light gray (10YR 7/2) fine sand	15-26 inches (38-66 cm)
Canaveral	Very deep, somewhat poorly to moderately well drained, very rapidly permeable soils on side slopes of dune-like ridges bordering depressions and sloughs along the coast in Peninsular Florida that formed in thick marine deposits of sand and shell fragments.	Pale brown (10YR 6/3) sand	12-32 inches (30-81 cm)

The Area of Potential Effect (APE) is defined as “the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if any such properties exist” (FCC 2005). For purposes of this work, the APE for direct effects is the actual physical impact area. The impact area includes the proposed 50-foot by 50-foot (15-meter by 15-meter) lease area, the proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement, the proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement, and all immediately adjacent areas that may be affected.

Literature and Documents Search

National Register of Historic Places

The National Register of Historic Places is the Nation's official list of cultural resources worthy of preservation. Authorized under the National Historic Preservation Act of 1966, the National Register is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect historic and archaeological resources. Properties listed in the National Register include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archaeology, engineering, and culture. The National Park Service, which is part of the U.S. Department of the Interior, administers the National Register. ECA conducted a review of the National Register of Historic Places to determine whether any listed archaeological sites were located within a 1-mile radius of the project site. The document search revealed no sites within this radius (NRIS 2014).

Florida Master Site File

The Florida Master Site File (FMSF) is the official repository for information about known archaeological sites from all periods within the state of Florida. It has become the primary source for documentation about Florida Archaeology. The FMSF contains many different types of information about archaeological sites, including locations, cultural periods, and information relating to the National Register of Historic Places. During our research with the FMSF, we identified two previously recorded archaeological sites (*IR00025A* and *IR00032*) and nine previously identified archaeological surveys (*15701*, *17297*, *22862*, *22863*, *22864*, *22865*, *22866*, *12623*, and *12630*) within a 1-mile research radius of the proposed undertaking. No archaeological sites were identified within the APE for direct effects for the current undertaking. The archaeological sites and surveys identified within the 1-mile research radius of the subject site are listed in the table below.

Table 1: Archaeological Sites Identified Within a 1-Mile Research Radius

SHPO ID	Site Name	Site Type	Evaluation Status for NRHP	Location from Tower
IR00025A	NUNN	Shipwreck artifacts	NA	~2,650 feet (808m) SE
IR00032	WW II AIRCRAFT	Underwater-other-possible crashed airplane	NA	~2,250 feet (686m) SE

Table 2: Archaeological Surveys Identified Within a 1-Mile Research Radius

Survey Number	Site Name	Year
15701	Florida East Coast Shipwreck Project Mel Fisher Center, Inc. 2002 Season Report	2003
17297	Historic Assessment, Remote Sensing Survey and Diver Identification of Five Potentially Significant Magnetic and/or Geomorphic Targets of the Intracoastal Waterway, Indian River County, Florida	2010
22862	Magnetometer Survey E-110 Site Exploration Area Indian River County, Florida	1992
22863	Archaeological Survey Report Exploration Contract Site E-110 2003	2003
22864	Archaeological Survey Report Exploration Contract Site E-110 2004	2005
22865	Archaeological Survey Report Exploration Contract Area E-110 2007	2008
22866	Research Design Exploration Contract Site E-152 2005	2005
12623	A Cultural Resource Assessment of State road A1A (South Ocean Boulevard) from Sloan's Curve to State Road 80 (Southern Boulevard) in Palm Beach County, Florida	2004
12630	Cultural Resource Assessment Survey of State Road 46 from SR 15/600 to SR 415 Seminole County, Florida	2006

In general, most site location models include distance to a permanent water source as a major factor in determining the existence of archaeological sites and also the density of such sites. There is a higher probability of encountering a prehistoric archaeological site the closer one is to a source of fresh water with the distances varying depending on topography and difficulty of access. As a result, there are a greater number of prehistoric sites located near streams and natural freshwater lakes. Additionally, there is a greater density of Woodland Period sites, as opposed to Archaic or Paleo-Indian Period sites, near streams due to their greater reliance on horticulture and aquatic resources. Due to the historic ability of excavating wells, historic period sites, in rural areas, can be found equally distributed across the uplands as well as within valleys. Based on the topography of the project area and historic aerial photographs, we believe there is a

low probability for encountering undisturbed archaeological artifacts or features within the proposed project's APE for direct effects.

Field Conditions

The project area consists of a proposed 50-foot by 50-foot (15-meter by 15-meter) lease area, the proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement, and the proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility easement. The proposed lease area is located within a wooded area adjacent to a fire department facility. The proposed utility easement and approximately 98 feet (30 meters) of the proposed access/utility easement is located within a maintained lawn. The remaining 340 feet (104 meters) of the proposed access/utility easement overlies an existing paved parking lot and drive.

The topography of the proposed lease area is relatively flat. The nearest drainage feature is John's Island Creek, located approximately 850 feet (259 meters) southwest of the proposed lease area at its closest point. Ground surface visibility within the proposed lease area and access/utility easement was zero percent, due to vegetation and pavement.

Field Methods

The methodology for the Phase I intensive field survey for this project was determined by the professional opinions and experience of our principal and staff archaeologists, applicable SHPO guidelines, and applicable tribal guidelines. The survey was performed by Joe Anderson, MA, Project Archaeologist on July 20, 2016. Approximately three hours of field time were recorded for the Phase I intensive field survey.

A pedestrian survey was conducted over the project site by visual inspection of exposed ground surfaces throughout the proposed 50-foot by 50-foot (15-meter by 15-meter) lease area, the proposed approximate 438-foot long by 15-foot wide (134-meter by 5-meter) access/utility easement, the proposed approximate 158-foot long by 5-foot wide (48-meter by 2-meter) utility

easement, and all immediately adjacent areas. Visual inspections were conducted at approximately 16-foot (5-meter) intervals.

ECA initially determined that a total of two shovel tests in the proposed lease area, two shovel tests in the unpaved portion of the proposed access/utility easement, and three shovel tests in the proposed utility easement would be an adequate representative sampling of the proposed project area. However, ECA was made aware of the high probability of buried utility lines within the proposed utility easement. Additionally, the proposed utility easement is located adjacent to a paved parking lot and water tower. Therefore, due to the high likelihood of disturbance, no shovel tests were performed within the proposed utility easement. All shovel test pits measure a minimum of 20 inches by 20 inches (51cm by 51cm) and were excavated into known subsoils for the project area, or until bedrock or the water table were encountered. Subsoil data for the soil types located within the project area are listed in the table located on page 8.

The locations of the shovel tests are shown on Attachment B-2c. All excavated soils are screened through a six-millimeter wire mesh archaeology screen to isolate any cultural artifacts.

Field Survey Results

During the subsurface investigation, two shovel tests in the proposed lease area and two shovel tests in the unpaved portion of the proposed access/utility easement were excavated. Shovel test dimension measurements and soil characteristics are listed in the following table:

Shovel Test Pit Descriptions

Shovel Test Pit (STP)	STP Width/Length	Munsell Color/Texture	Depth	
			Inches	cm
STP1	20"x20" (51cm x 51cm)	10YR 3/2 (very dark grayish brown) sand	0-9	0-23
		10YR 6/3 (pale brown) with 10YR 5/6 (yellowish brown) mottling sand	9-16	23-41
		10YR 6/2 (light brownish gray) coarse sand	16-34	41-86
		Water table	34+	86+
STP2	20"x20" (51cm x 51cm)	10YR 3/2 (very dark grayish brown) sand	0-7	0-18
		10YR 4/2 (dark grayish brown) sand	7-10	18-25
		10YR 6/3 (pale brown) with 10YR 5/6 (yellowish brown) mottling sand	10-20	25-51
		10YR 6/2 (light brownish gray) coarse sand	20-29	51-74
		Water table	29+	74+

Shovel Test Pit (STP)	STP Width/Length	Munsell Color/Texture	Depth	
			Inches	cm
STP3	20"x20" (51cm x 51cm)	10YR 5/3 (brown) sand	0-3	0-8
		10YR 4/2 (dark grayish brown) sand	3-7	8-18
		10YR 6/3 (pale brown) sand	7-36	18-91
		Water table	36+	91+
STP4	20"x20" (51cm x 51cm)	10YR 5/2 (grayish brown) sand	0-3	0-8
		10YR 6/2 (light brownish gray) sand with abundant shell	3-9	8-23
		10YR 2/1 (black) sand	9-15	23-38
		10YR 4/1 (dark gray) sand	15-38	38-97
		Water table	38+	97+

During the pedestrian survey, no archaeological sites or cultural artifacts were identified. No archaeological sites or cultural artifacts were identified during subsurface investigations. All shovel test pit observations matched the characteristics of soils mapped within the project area.

Laboratory Methods and Collection Curation

Since no archaeological sites were identified, curation is not applicable to this work.

Recommendations

During the course of this archaeological assessment, no sites, either historic or prehistoric, were located in the APE for direct effects. Therefore, we believe that no archaeological cultural resources will be affected by the proposed project. Therefore, we recommend a finding of No Effect for the proposed undertaking as it relates to archaeology. We request your concurrence with our finding.

Closure

We are submitting this report for Datapath Tower to seek concurrence with our finding and to comply with Federal Communications Commission (FCC) requirements as identified in 47 CFR 1.1307. Joe Anderson, MA, Project Archaeologist performed the fieldwork. Karen Sauler, Project Manager conducted the research and authored this report. Autumn Dubois, MA, RPA, Principal Investigator, reviewed this assessment. We request your concurrence with our finding. Please contact our office with questions or comments or if additional information is required.

Attachment F

Local Government Involvement

Contact Information

- a: List of all government agencies contacted and a summary of contact including copies of relevant documents.**

Please see the *Local Government* pages of the FCC Form 620 for a list of agencies contacted. Documentation of our correspondence follows this page.

- b: Local government agencies that will be contacted, but have not as of this date.**

Not Applicable



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

August 11, 2016

Town of Indian River Shores
6001 Highway A-1-A
Indian River Shores, FL 32963

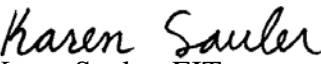
**Subject: Section 106 Review
TCNS ID #141226
Proposed 115-Foot Overall Height Monopine Telecommunications Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910**

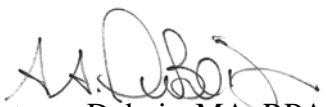
To Whom It May Concern:

Datapath Tower is proposing to construct a 115-foot tall overall height monopine telecommunications structure located off Fred R. Tuerk Drive, Indian River Shores, Indian River County, Florida. In accordance with the Federal Communications Commission regulation at 47 C.F.R. 1.1307(a)(4), we are providing notice to you and seeking any comments that you may have regarding the effect of the proposed action described above on **Historic Properties** in your community. A map is included for your reference. Based on your level of interest in the proposed project, you may wish to become a consulting party. ***This notice is not intended to supplant any local zoning or permitting requirements, but is necessary before we can request review of the proposed action by the State Historic Preservation Office.***

We welcome any comments that you may have regarding any **Historic Properties** that could be potentially affected by the proposed action. Please direct your comments to Dina Bazzill, Environmental Corporation of America, 1375 Union Hill Industrial Court, Suite A, Alpharetta, Georgia 30004, 770-667-2040 x111. Because we would like to submit their project to the SHPO for review as soon as possible, we request that you provide any documents that you may have within 30 days. Thank you for your cooperation.

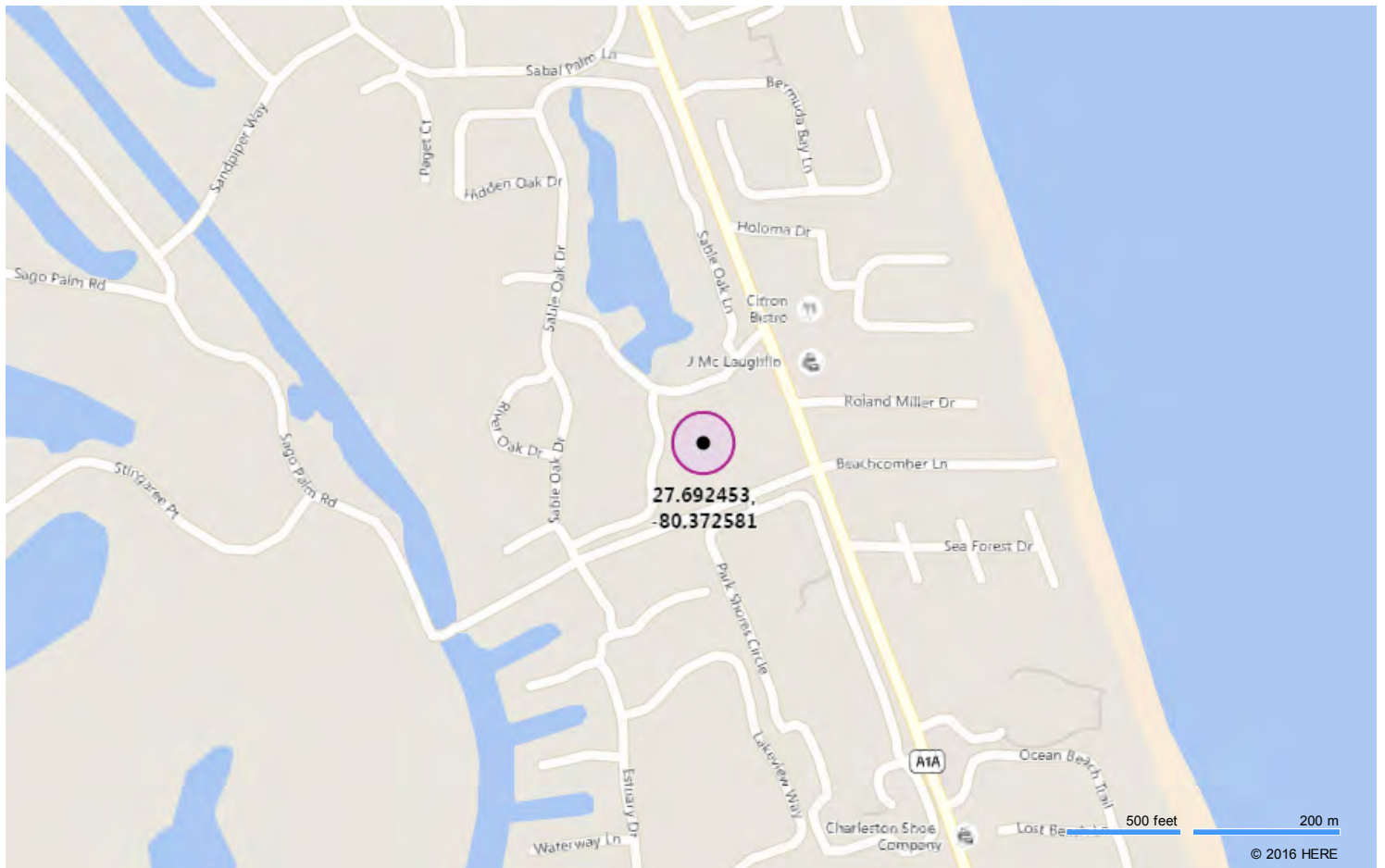
Sincerely,
Environmental Corporation of America


Karen Sauler, EIT
Project Manager


Autumn Dubois, MA, RPA
Principal Investigator

Attachment F
Page 2 of 3

27.692453, -80.372581



Attachment G

Consulting Parties

Public Involvement by Legal Notices, Letters, or Public Meetings

Copies of all relevant documents, including correspondence and legal notices, are provided in the following pages.

I agree this ad is accurate and as ordered.

NOTICE

Datapath Tower proposes to construct a 115-foot overall height monopine telecommunications structure. The proposed facility would be located off Fred R. Tuerk Drive, Indian River Shores, Indian River County, Florida. Datapath Tower invites comments from any interested party on the impact the tower may have on any districts, sites, buildings, structures or objects significant in American history, archaeology, engineering or culture that are listed or determined eligible for listing in the National Register of Historic Places. Comments may be sent to Environmental Corporation of America, ATTN: Dina Bazzill, 1375 Union Hill Industrial Court, Suite A, Alpharetta, Georgia 30004. Comments must be received within 30 days. For questions please call Dina Bazzill 770-667-2040x111. S0910.

Pub: August 12, 2016

TCN 1219325

Attachment H

Designation of SHPO/THPO

SHPO/THPO Specific Forms

The following pages include copies of all additional forms specific to the Section 106 Review process for the lead SHPO/THPO reviewing this filing.



This record search is for informational purposes only and does NOT constitute a project review. This search only identifies resources recorded at the Florida Master Site File and does NOT provide project approval from the Division of Historical Resources. Contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333 for project review information.

July 18, 2016



Karen Sauler, EIT
Environmental Corporation of America (ECA)
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004
770-667-2040 x.126 (office)
770-667-2041 (fax)
E-mail: karen.sauler@eca-usa.com

In response to your inquiry of July 18, 2016, the Florida Master Site File lists two previously recorded archaeological sites in the following parcel of Indian River County:

The portion of T32S R40E Sections 07, 12, 13, 18-20 & 24 shown including 0.5 (historic structures) and a 1-mile (arch. sites and surveys) buffers, respectively, from project area indicated on map as submitted with search request.

When interpreting the results of our search, please consider the following information:

- **This search area may contain *unrecorded* archaeological sites, historical structures or other resources even if previously surveyed for cultural resources.**
- **Because vandalism and looting are common at Florida sites, we ask that you limit the distribution of location information on archaeological sites.**
- **While many of our records document historically significant resources, the documentation of a resource at the Florida Master Site File does not necessarily mean the resource is historically significant.**
- **Federal, state and local laws require formal environmental review for most projects. This search DOES NOT constitute such a review. If your project falls under these laws, you should contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333.**

Please do not hesitate to contact us if you have any questions regarding the results of this search.

Sincerely,

Eman M. Vovsi
Data Base Analyst
Florida Master Site File
cgfowler@dos.state.fl.us



Source: USGS Topographic Maps, 7.5 Minute Series, Vero Beach, FL (1949, photorevised 1983) and Riomar, FL (1948, photorevised 1983, minor revision 1992).



Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida

Attachment B-2a: APE for Visual Effects
Page 12 of 14



ECA Proj. # S0910

Ent D (FMSF only) ____/____/____



Survey Log Sheet

Florida Master Site File
Version 4.1 1/07

Survey # (FMSF only) _____

Consult *Guide to the Survey Log Sheet* for detailed instructions.

Identification and Bibliographic Information

Survey Project (name and project phase) Indian River Shores 2

Report Title (exactly as on title page) Proposed 115-Foot Monopine Telecommunications Structure
Including a 50-Foot by 50-Foot Lease Area, 452-Foot Long by 15-Foot Wide Access/Utility Easement, 158-Foot Long by 5-Foot Wide Utility Easement

Report Author(s) (as on title page— individual or corporate; last names first) Environmental Corp. of America
Sauler, Karen & Dubois, Autumn

Publication Date (year) 2016 Total Number of Pages in Report (count text, figures, tables, not site forms) 80

Publication Information (Give series and no. in series, publisher and city. For article or chapter, cite page numbers. Use the style of *American Antiquity*.)
ECA Proj. S0910; TCNS 141226

Supervisor(s) of Fieldwork (whether or not the same as author(s); last name first) Dubois, Autumn

Affiliation of Fieldworkers (organization, city) Environmental Corp. of America, Alpharetta GA

Key Words/Phrases (Don't use the county, or common words like *archaeology, structure, survey, architecture*. Limit each word or phrase to 25 characters.) Monopine, telecommunications, lease area, Datapath Tower

Survey Sponsors (corporation, government unit, or person who is directly paying for fieldwork)

Name Datapath Tower

Address/Phone PO Box 66478, St. Pete Beach, FL 33736 ~813-967-7164~

Recorder of *Log Sheet* Karen Sauler Date *Log Sheet* Completed 08 | 11 | 16

Is this survey or project a continuation of a previous project? ☒ No ☐ Yes: Previous survey #(s) (FMSF only) _____

Mapping

Counties (List each one in which field survey was done - do not abbreviate; use supplement sheet if necessary) Indian River

USGS 1:24,000 Map(s) : Map Name/Date of Latest Revision (use supplement sheet if necessary): _____
Riomar, FL (1948, photorevised 1983, minor revision 1992)

Description of Survey Area

Dates for Fieldwork: Start 07 / 20 / 16 End 07 / 20 / 16 Total Area Surveyed (fill in one) _____ hectares .23 acres

Number of Distinct Tracts or Areas Surveyed _____

If Corridor (fill in one for each): Width _____ meters _____ feet Length _____ kilometers _____ miles

Research and Field Methods

Types of Survey (check all that apply): ☒ archaeological ☐ architectural ☐ historical/archival ☐ underwater ☐ other: _____

Preliminary Methods (✓ Check as many as apply to the project as a whole.)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Florida Archives (Gray Building) | <input type="checkbox"/> library research- <i>local public</i> | <input type="checkbox"/> local property or tax records | <input type="checkbox"/> other historic maps |
| <input type="checkbox"/> Florida Photo Archives (Gray Building) | <input type="checkbox"/> library-special collection - <i>nonlocal</i> | <input type="checkbox"/> newspaper files | <input checked="" type="checkbox"/> soils maps or data |
| <input type="checkbox"/> Site File property search | <input type="checkbox"/> Public Lands Survey (maps at DEP) | <input type="checkbox"/> literature search | <input type="checkbox"/> windshield survey |
| <input checked="" type="checkbox"/> Site File survey search | <input type="checkbox"/> local informant(s) | <input type="checkbox"/> Sanborn Insurance maps | <input checked="" type="checkbox"/> aerial photography |
| <input type="checkbox"/> other (describe): _____ | | | |

Archaeological Methods (✓ Check as many as apply to the project as a whole.)

- ☐ Check here if **NO** archaeological methods were used.
- | | | |
|--|---|--|
| <input type="checkbox"/> surface collection, controlled | <input type="checkbox"/> other screen shovel test (size: _____) | <input type="checkbox"/> block excavation (at least 2x2 M) |
| <input checked="" type="checkbox"/> surface collection, <u>un</u> controlled | <input type="checkbox"/> water screen (finest size: _____) | <input type="checkbox"/> soil resistivity |
| <input checked="" type="checkbox"/> shovel test-1/4" screen | <input type="checkbox"/> posthole tests | <input type="checkbox"/> magnetometer |
| <input type="checkbox"/> shovel test-1/8" screen | <input type="checkbox"/> auger (size: _____) | <input type="checkbox"/> side scan sonar |
| <input type="checkbox"/> shovel test 1/16" screen | <input type="checkbox"/> coring | <input type="checkbox"/> unknown |
| <input type="checkbox"/> shovel test-unscreened | <input type="checkbox"/> test excavation (at least 1x2 M) | |
| <input type="checkbox"/> other (describe): _____ | | |

Historical/Architectural Methods (✓ Check as many as apply to the project as a whole.)

- ☒ Check here if **NO** historical/architectural methods were used.
- | | | | |
|--|---|---|---|
| <input type="checkbox"/> building permits | <input type="checkbox"/> demolition permits | <input type="checkbox"/> neighbor interview | <input type="checkbox"/> subdivision maps |
| <input type="checkbox"/> commercial permits | <input type="checkbox"/> exposed ground inspected | <input type="checkbox"/> occupant interview | <input type="checkbox"/> tax records |
| <input type="checkbox"/> interior documentation | <input type="checkbox"/> local property records | <input type="checkbox"/> occupation permits | <input type="checkbox"/> unknown |
| <input type="checkbox"/> other (describe): _____ | | | |

Scope/Intensity/Procedures Section 106 Review - Pedestrian survey & Phase I Archaeological Survey

Survey Results (cultural resources recorded)

Site Significance Evaluated? ☐ Yes ☐ No If Yes, circle NR-eligible/significant site numbers below.Site Counts: Previously Recorded Sites 0 Newly Recorded Sites 0

Previously Recorded Site #'s with Site File Update Forms (List site #'s without "8." Attach supplementary pages if necessary) _____

Newly Recorded Site #'s (Are you sure all are originals and not updates? Identify methods used to check for updates, i.e., researched Site File records. List site #'s without "8." Attach supplementary pages if necessary.) _____

Site Form Used: ☐ Site File Paper Form ☐ SmartForm II Electronic Recording Form**REQUIRED: ATTACH PLOT OF SURVEY AREA ON PHOTOCOPIES OF USGS 1:24,000 MAP(S)**

DO NOT USE

SITE FILE USE ONLY

DO NOT USE

BAR Related

- ☐ 872 ☐ 1A32 # _____
- ☐ CARL ☐ UW

BHP Related

- ☐ State Historic Preservation Grant
- ☐ Compliance Review: CRAT # _____

Bibliography

Florida Master Site File

Google Earth
2016 Aerial photograph.

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1992, Archaeological Survey 22862 (Magnetometer Survey E-110 Site Exploration Area Indian River County, Florida).

Historical Research and Development, Inc.
2003, Archaeological Survey 22863 (Archaeological Survey Report Exploration Contract Site E-110 2003).

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2005, Archaeological Survey 22866 (Research Design Exploration Contract Site E-152 2005).

Mel Fisher Center, Inc., Sebastian
2003, Archaeological Survey 15701 (Florida East Coast Shipwreck Project Mel Fisher Center, Inc. 2002 Season Report).

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2005 *Canaveral Series*. Official series description.
<https://soilseries.sc.egov.usda.gov/OSD_Docs/C/CANAVERAL.html>. Accessed July 18, 2016.

Natural Resources Conservation Service, Soil Survey (NRCS)
2005 *Captiva Series*. Official series description.
<https://soilseries.sc.egov.usda.gov/OSD_Docs/C/CAPTIVE.html>. Accessed July 18, 2016.

On File at DHR and SEARCH, Jonesville
2006, Archaeological Survey 12630 (Cultural Resource Assessment Survey of State Road 46 from SR 15/600 to SR 415 Seminole County, Florida).

Panamerican Consultants, Inc.
2004, Archaeological Survey 12623 (A Cultural Resource Assessment of State road A1A (South Ocean Boulevard) from Sloan's Curve to State Road 80 (Southern Boulevard) in Palm Beach County, Florida).

Panamerican Consultants, Inc.
2010, Archaeological Survey 17297 (Historic Assessment, Remote Sensing Survey and Diver Identification of Five Potentially Significant Magnetic and/or Geomorphic Targets of the Intracoastal Waterway, Indian River County, Florida).

United States Department of Agriculture (USDA)
2016 Web Soil Survey <<http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>>.
Accessed July 18, 2016.

United States Federal Communications Commission (FCC)
2005 *Federal Communications Commission Federal Register, 47 CFR Part 1, Nationwide Programmatic Agreement for Review Under the National Historic Preservation Act; Final Rule*, WT Docket No. 03-128; FCC 04-222. Washington, DC.

United States Geological Survey USGS
1948, photorevised 1983, minor revision 1992 Riomar, *FL Quadrangle Map*, 7.5 minute series. U.S. Geological Survey, Washington DC.

United States Geological Survey USGS
1949, photorevised 1983 Vero Beach, *FL Quadrangle Map*, 7.5 minute series. U.S. Geological Survey, Washington DC.

APPENDIX F

Native American Documentation

TRIBAL INVOLVEMENT
TCNS #141226 – INITIAL CONTACT July 22, 2016

#	INDIAN TRIBE OR NATION	SECOND TRIBAL CONTACT DATE	RESPONSE RECEIVED FROM TRIBE	REFER TO FCC	TRIBAL CLEARANCE
1	MICCOSUKEE TRIBE OF INDIANS OF FLORIDA	NA	7/22/16 - via TCNS requested a 30-Day Response Limit Agreement	NA	8/22/16
2	SEMINOLE TRIBE OF FLORIDA	9/19/16 - Section 106 Review documentation sent via email and review fee sent via mail	7/20/16 & 7/22/16 - via TCNS requested Section 106 Review documentation and review fee 9/26/16- Project cleared via emailed letter	NA	9/26/16
3	SEMINOLE NATION OF OKLAHOMA	NA	7/22/16 - via TCNS requested a 30-Day Response Limit Agreement	NA	8/22/16
4	MUSCOGEE CREEK NATION	9/19/16-Section 106 Review documentation, SHPO response, and review fee sent via mail	7/22/16 - via TCNS requested Section 106 Review documentation, SHPO response, and review fee 10/21/16– Project cleared via emailed letter	NA	10/21/16
5	EASTERN SHAWNEE TRIBE OF OKLAHOMA	9/19/16- Archaeological Assessment , SHPO response, and review fee sent via mail	7/22/16 - via TCNS requested Archaeological Assessment, SHPO response, and review fee 10/19/16 – Project cleared via emailed letter	NA	10/19/16

TCNS Notification Statements

From: towernotifyinfo@fcc.gov
Sent: Tuesday, July 19, 2016 4:07 PM
To: tribal.notify
Subject: Proposed Tower Structure Info - Email ID #4648062

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us. Below are the details you provided for the construction you have proposed:

Notification Received: 07/19/2016

Notification ID: 141226

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court, Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MTOWER - Monopole

Latitude: 27 deg 41 min 32.8 sec N

Longitude: 80 deg 22 min 21.3 sec W

Location Description: Fred R. Tuerk Drive

City: Indian River Shores

State: FLORIDA

County: INDIAN RIVER

Detailed Description of Project:

Ground Elevation: 0.9 meters

Support Structure: 35.1 meters above ground level

Overall Structure: 35.1 meters above ground level

Overall Height AMSL: 36 meters above mean sea level

From: towernotifyinfo@fcc.gov
Sent: Friday, July 22, 2016 3:02 AM
To: tribal.notify
Cc: Jonathan.Jonas@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER
CONSTRUCTION
NOTIFICATION INFORMATION - Email ID #4650214

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribal Nations and NHOs. If a Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA & Section 106 Representative Fred Dayhoff - Miccosukee Tribe of Indians of Florida - Tamiami Station (PO Box: 440021) Miami, FL - hopel@miccosukeetribe.com - 239-695-4360
Details: Please DO NOT contact me prior to the end of the 30-day period to inquire about the proposed site. I really need this time to review the TCNS notifications.

If, however, the proposed site is on undisturbed land, and you are aware of something that may be of interest to our Tribe, please feel free to telephone me or send documentation to me prior to the end of the 30-day period. Please send 2 this information to me via regular mail or via UPS. Please do not use Federal Express, since they deliver to a general mailbox for our Tribe. Please send via reg. mail or UPS to:

Fred Dayhoff
NAGPRA & Section 106 Representative
Miccosukee Tribe of Indians of Florida
P.O. Box 440021

Tamiami Station
Miami, Florida 33144

At the end of the 30 days, if there is an inadvertent find during construction, IMMEDIATELY contact me at 239-695-4360 (phone). If the number is busy, immediately send a Fax to my attention at 239-695-4344 (fax). If this is a POSITIVE TRAIN CONTROL project, please check the state master site file for any archaeological sites that may be present. If there are no archaeological sites present, you may proceed with construction immediately. If there are any archaeological sites present at the proposed site, please contact me as soon as possible.

Thank you.

Fred Dayhoff
NAGPRA & Section 106 Representative
Miccosukee Tribe of Indians of Florida
(239) 695-4360

If the applicant/tower builder receives no response from the Miccosukee Tribe of Indians of Florida within 30 days after notification through TCNS, the Miccosukee Tribe of Indians of Florida has no interest in participating in preconstruction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Miccosukee Tribe of Indians of Florida in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law. 2. Compliance Review Supervisor Bradley M Mueller - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB

1004 Clewiston, FL - bradleymueller@semtribe.com - 863-983-6549 (ext: 12245)

Details: Effective May 1, 2014, the Seminole Tribe of Florida (STOF) is increasing its research fee to \$500.00. An additional \$200.00 fee will be charged for any subsequent requests concerning the same undertaking that has been resubmitted to the FCC/TCNS due to delays in construction, changes to the original proposal, etc. For Positive Train Control (PTC) wayside poles and infrastructure, the standard Section 106 research fee remains \$500.00 for a single review. For wayside poles grouped into a batch filing under a single TCNS number, the research fee will be \$500.00 for the first pole and \$200.00 for each additional non-excluded pole in the batch. 3 Please submit the 620/621 form with attachments to the Tribal Historic Preservation Office (see below) as soon as possible after the Tribe has received its initial TCNS notification. Once the Tribe has received its initial notification the STOF will issue an invoice. Consultants will need to provide company name, primary contact person, mailing address (or e-mail), and business phone for invoice purposes. Checks should be made payable to Seminole Tribe of Florida and mailed to: Seminole Tribe of Florida, Accounts Receivable, 6300 Stirling Road, Hollywood, FL 33024. Please include the TCNS numbers and invoice number on the memo line of the check in order for us to track your project payment. For requests involving multiple towers, a single check in the sum of \$500 per tower is acceptable. The 620/621 submission packet will be reviewed and comments issued once payment of the review fee has been received. The following items should be submitted to the THPO for each request: 620/621 form with attachments associated with cultural resources to include archaeological assessment/report that includes methodology, findings and field survey results, and project area geomorphology and soils. Please limit submittal of architectural surveys (unless embedded with archaeological information), engineering/construction drawings, and excessive photos. All correspondence should be conducted via email and email attachments. Emails should be sent to: BradleyMueller@semtribe.com Any questions concerning invoicing and payment should be addressed to Anne Mullins, Deputy THPO, at annemullins@semtribe.com. Questions concerning status of reviews should be addressed to Bradley Mueller,

Compliance Review Supervisor at BradleyMueller@semtribe.com. Thank you.

3. Historic Preservation Officer Seminole Nation - Seminole Nation of Oklahoma - n/a (PO Box: 1498) Wewoka,

OK - Harjo.N@sno-nsn.gov - 405-257-7271

Details: If the Applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

4. TCNS Coordinator Corain Lowe-Zepeda Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7835

Details: PLEASE NOTE OUR NEW REQUIREMENTS: Because the TCNS Details do not provide enough information for us to conduct a proper assessment on behalf of the Muscogee (Creek) Nation, we, instead, require that you submit with your original notification via regular postal mail or other parcel carrier the following (E-MAILED DOCUMENTATION WILL NOT BE ACCEPTED, NO EXCEPTIONS):

1) 620/621 forms

2) Colored photographs (no thumbnails please)

4

3) Aerial Map and color USGS topographic maps that clearly show the proposed site location, area of potential effect,

shovel tests, access roads, utility easements, list of previously known archaeological sites within one mile of site and any

information pertaining to project

4) Copy of archaeological assessment/survey including site forms of all sites within 1 mile of the project area

5) All pages of project to be on 8 1/2 x 11 or larger, maps must be at minimum 8 1/2 x 11 or larger

6) Need to send copy of all information pertaining to project on CD as well as a hard copy

7) A copy of review letter from the State Historic Preservation Office

8) Submit payment along with project

EFFECTIVE 01/01/2016

PLEASE NOTE OUR NEW REVIEW FEES: Our administrative review fee for 106 reviews is \$800.00 for all new, collocations,

addendums, and Positive Train Control. Please submit check with hard copy and CD copy. Upon receipt of all information outlined above, which requires the completed 620/621 form and receipt of the administrative review fee, the Section 106 30-day review process will begin. If you do not receive a response within 30 days from the date our office receives complete 620/621 packet and payment, please contact us by phone to confirm review status. Please submit required information and payment to address below:

Muscogee (Creek) Nation

Historic and Cultural Preservation Department

Ms Corain Lowe-Zepeda, TCNS Coordinator

P.O. Box 580

Hwy 75 & Loop 56

Okmulgee, OK 74447

For specific information regarding TCNS, please contact Ms. Corain Lowe-Zepeda, TCNS Coordinator, directly at 918-732-

7835 or Ms. RaeLynn Butler, THPO at 918-732-7678. Thank you.

Sincerely,

Ms. Corain Lowe-Zepeda, TCNS Coordinator
Muscogee (Creek) Nation
918-732-7835

clowe@mcn-nsn.gov

5. TCNS Coordinator Travis Patton - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road
Wyandotte, OK -

tpatton@estoo.net - 918-666-2435 (ext: 1860)

Details: The Cultural Preservation Office of the Eastern Shawnee Tribe of Oklahoma requires the following information and fees regarding all proposed FCC projects.

Please do not email documentation; it will be deleted without being opened. Mail one printed color copy of all documentation to:

5

70500 E 128 Rd.

Wyandotte, OK 74370

Please submit by US postal mail or other parcel carrier all of the following information for all FCC projects:

1. A 1-page cover letter with the following information:

- a) TCNS number
- b) Company name
- c) Project name, city, county, state
- d) Project type
- e) UTM coordinates using WGS84 (G1150)
- f) Total area surveyed in acres
- g) Contact information.

2. Professional cultural/archaeological resource survey report.

3. Aerial and color USGS topographic maps locating project area within the state, county, and local area.

4. Aerial, color USGS topographic, or planimetric maps locating tower site, APE, access road, utility easement, guy wire

locations surveyed, surveyed staging areas, and known archaeological/historic sites.

5. Project site plan map depicting labeled shovel test locations.

6. Shovel test log.

7. Site photographs.

8. A copy of the review letter or TCNS e-response from the State Historic Preservation Office and all other state-mandated review offices for projects involving ground disturbance.

9. Please submit a fee of \$550.00 per/TCNS project, for administration, data processing, handling, research and review.

Make the check payable to the Eastern Shawnee Tribe of Oklahoma. On the memo line write all TCNS numbers. This

includes new build towers, collocations, PTC poles, and projects in previously disturbed locations.

10. The Eastern Shawnee procedure document is available by email and is highly recommended for guidance. Send an

email to Travis Patton at: tpatton@estoo.net.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct

and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning.

You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to

construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic

Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section

VII.A of the NPA.

6. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184

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7. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL

- ebrown@mail.preserveala.org - 334-242-3185

8. Deputy SHPO Compliance Review Laura A Kammerer - Div of Historical Resources, Dept of State - 500 S. Bronough St. Tallahassee, FL - lkammerer@dos.state.fl.us - 850-245-6333

9. Historic Preservationist Robin Jackson - Florida Division of Historical Resources - 500 S. Bronough Street Tallahassee, FL - Robin.Jackson@DOS.myflorida.com - 850-245-6333

"Exclusions" above set forth language provided by the Tribal Nation or SHPO. These exclusions may indicate types of PTC wayside pole notifications that the Tribal Nation or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. Exclusions may also set forth policies or procedures of a particular Tribal Nation or SHPO (for example, types of information that a Tribal Nation routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. If you learn any of the above contact information is no longer valid, please contact the FCC. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/19/2016

Notification ID: 141226

Tower Owner Individual or Entity Name: Environmental Corporation of America

Consultant Name: Dina M Bazzill

Street Address: 1375 Union Hill Industrial Court, Suite A

City: Alpharetta

State: GEORGIA

Zip Code: 30004

Phone: 770-667-2040

Email: tribal.notify@eca-usa.com

Structure Type: MTOWER - Monopole

Latitude: 27 deg 41 min 32.8 sec N

Longitude: 80 deg 22 min 21.3 sec W

Location Description: Fred R. Tuerk Drive

City: Indian River Shores

State: FLORIDA

County: INDIAN RIVER

Detailed Description of Project:

Ground Elevation: 0.9 meters

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Support Structure: 35.1 meters above ground level

Overall Structure: 35.1 meters above ground level

Overall Height AMSL: 36.0 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays).

Follow Up Letters to Tribes

Environmental Corp. of America
1375 Union Hill Industrial Ct, Ste A
Alpharetta, GA 30004



Phone: 770-667-2040 x. 126
Fax No.: 770-667-2041

From: Karen Sauler
karen.sauler@eca-usa.com

To: Seminole Tribe of Florida
Attn: Accounts Receivable
6300 Stirling Road
Hollywood, Florida 33024

TRANSMITTAL COVER SHEET

Date: September 19, 2016

Subject: Section 106 Review
TCNS ID #141226
Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910

Notes: To Whom It May Concern:

As indicated in your TCNS response, the Seminole Tribe of Florida would like to become a consulting party for the above referenced site. I have attached the review fee. I emailed the Section 106 Review documentation on September 19, 2016. Please call or email if you need any further information or if you have any questions.

Thank you,

Karen Sauler
Karen Sauler, EIT
Project Manager

Environmental Corp. of America
1375 Union Hill Industrial Court
Suite A
Alpharetta, GA 30004



Phone: 770-667-2040 ext. 126
Fax No.: 770-667-2041

From: Karen Sauler
karen.sauler@eca-usa.com

To: Muscogee Creek Nation
Cultural Preservation Office
P.O. Box 580
Okmulgee, OK 74447

TRANSMITTAL COVER SHEET

Date: September 19, 2016

Subject: Section 106 Review
TCNS ID #141226
Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910

Notes: To Whom It May Concern:

Attached is the Section 106 Review documentation, SHPO response, CD, and review fee for the above site. Please feel free to contact me if you need any additional information.

Please feel free to respond by mail, TCNS, fax, or email. Thank you for your time!

Sincerely,

Karen Sauler
Karen Sauler, EIT
Project Manager

Environmental Corp. of America
1375 Union Hill Industrial Ct, Ste A
Alpharetta, GA 30004



Phone: 770-667-2040 x. 126
Fax No.: 770-667-2041

From: Karen Sauler
karen.sauler@eca-usa.com

To: Ms. Robin Dushane, THPO
Eastern Shawnee Tribe of Oklahoma
Cultural Preservation Department
70500 East 128 Road
Wyandotte, OK 74370

TRANSMITTAL COVER SHEET

Date: September 19, 2016

Subject: Section 106 Review
TCNS ID #141226
Proposed 115-Foot Tall Overall Height Monopine Telecommunications Structure
Indian River Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, Florida
ECA Project #: S0910

Notes: Dear Ms. Dushane,

As indicated in your TCNS response, the Eastern Shawnee Tribe of OK would like to become a consulting party for the above referenced site. As requested, I have attached the review fee, SHPO response, and Archaeological Assessment.

Please let me know if you need any further information or if you have any questions. Thank you.

Sincerely,

Karen Sauler

Karen Sauler, EIT
Project Manager

Responses/Standing Requests Received From Tribes

**SEMINOLE TRIBE OF FLORIDA
TRIBAL HISTORIC PRESERVATION OFFICE
AH-TAH-THI-KI MUSEUM**

TRIBAL HISTORIC
PRESERVATION OFFICE

SEMINOLE TRIBE OF FLORIDA
AH-TAH-THI-KI MUSEUM

30290 JOSIE BILLIE HWY
PMB 1004
CLEWISTON, FL 33440

PHONE: (863) 983-6549
FAX: (863) 902-1117



TRIBAL OFFICERS

CHAIRMAN
JAMES E. BILLIE

VICE CHAIRMAN
MITCHELL CYPRESS

SECRETARY
LAVONNE ROSE

TREASURER
PETER HAHN

September 26, 2016

Ms. Dina Bazzill, Principal Archaeologist / Principal Historian
Environmental Corporation of America
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004
Phone: 734-645-7099
Email: dina.bazzill@eca-usa.com

Subject: TCNS #141226 (Indian River Shores 2, Indian River Shores, Indian River County, FL) – Project Assessment (Tribal Research and Section 106 Evaluation).
THPO #: 0029379

Dear Ms. Bazzill:

Thank you for contacting the Seminole Tribe of Florida – Tribal Historic Preservation Office (STOF-THPO) regarding TCNS #141226 (Indian River Shores 2, Indian River Shores, Indian River County, FL). The proposed undertaking does fall within the STOF Area of Interest. We have reviewed the documents you provided and completed our project assessment in order to determine if the undertaking would affect any areas important to the Tribe. We have determined that we have no objection to the project at this time provided that all potentially ground disturbing activities (including staging areas, temporary work spaces, etc.) are confined to the surveyed lease areas and easements. If ground disturbance is to occur outside of these areas then additional cultural resources investigations may be required. Please notify us if any archaeological, historical, or burial resources are inadvertently discovered during the construction process. Thank you and feel free to contact us with any questions or concerns.

Respectfully,

Bradley M. Mueller, MA, Compliance Supervisor
STOF-THPO, Compliance Review Section
30290 Josie Billie Hwy, PMB 1004
Clewiston, FL 33440

Office: 863-983-6549 ext 12245
Fax: 863-902-1117
Email: bradleymueller@semttribe.com
Web: www.stofthpo.com



*Muscogee (Creek) Nation of Oklahoma
Historical and Cultural Preservation*

October 21, 2016

Karen Sauler
Environmental Corporation of America
1375 Union Hill Industrial Court
Suite, A
Alpharetta, GA 30004

**RE: TCNS #141226
Indian Shores 2
Fred R. Tuerk Drive
Indian River Shores, Indian River County, FL**

Dear Ms. Sauler,

In keeping with the Federal Communications Commission (FCC), the National Environmental Policy Act (NEPA), and Section 106 of the National Historic Preservation Act (NHPA), 36 CFR Part 800, this letter is to acknowledge that the Muscogee (Creek) Nation has received notice of the proposed 115 ft. tall monopine telecommunications structure within a 50ft. lease area at the above referenced location.

After reviewing all pertinent information and our records, at this time we are currently unaware of any historic cultural, religious or sacred sites at this exact location. Therefore, we recommend a finding of **“No Historic Properties in APE”** for the proposed undertaking.

Furthermore, due to the historic presence of our people in the project area, inadvertent discoveries of human remains and related NAGPRA items may occur, even in areas of existing or prior development. Should this occur, we request all work cease and the Muscogee (Creek) Nation and other appropriate agencies be notified immediately.

Should further information or comment be required please do not hesitate to contact me at (918) 732-7639, fax: (918) 758-0649, or by e-mail: emartel@mcn-nsn.gov

Sincerely,

Anne Edwards-Martel, TCNS Coordinator
Muscogee (Creek) Nation

*Muscogee (Creek) Nation Tribal Complex
Highway 75 & Loop 56 • P.O. Box 580 • Okmulgee, OK 74447
Phone: 918-732-7733 • Fax: 918-758-0649 • Web: www.muscogeenation-nsn.gov*



EASTERN SHAWNEE TRIBE OF OKLAHOMA

12755 S. 705 Road, Wyandotte, OK 74370
Bluejacket Building (918) 666-2435, Fax: 888-971-3905

ECA
ATTN: Karen Sauler
1375 Union Hill Industrial Ct, Ste A
Alpharetta, GA 30004

RE: Cell Tower Project Indian River Shores 2, Indian River Shores, Indian River County, FL
TCNS 141226

October 19, 2016

Dear Ms. Sauler,

The Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma (ESTO) has received the documentation for ECA's proposed telecommunications project, Indian River Shores 2, located at UTM Zone 17, 561864 m E, 3063291 m N (WGS84) in/near Indian River Shores in Indian River County, FL. ESTO has reviewed the project, TCNS 141226, in accordance with Section 106 of the National Historic Preservation Act (NHPA). Based on the information provided and a review of our records, we find that **No Historic Properties** of sacred and/or cultural significance to the Tribe will be impacted by this project. Therefore, ESTO has no objection to the project proceeding as described; however, please note that any future changes to this project may require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a)). **This letter evidences NHPA and NEPA historic properties compliance pertaining to consultation with this Tribe in regard to the proposed project referenced as Indian River Shores 2, TCNS 141226.**

However, if during construction cultural objects or human remains are inadvertently discovered, please stop work immediately and contact the Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma.

Thank you for consulting with the Eastern Shawnee Tribe of Oklahoma.

Robin Dushane
Tribal Historic Preservation Officer

Tribal Archaeologist

APPENDIX G

Building Permit Documentation

(Will Be Provided Separately Once Granted)